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CHEMIST and DRUGGIST JUNE 22, 1946

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

3463 JUNE 22, 1946 Annual Subscription (with Diary) 25/-. Single copies 9d.

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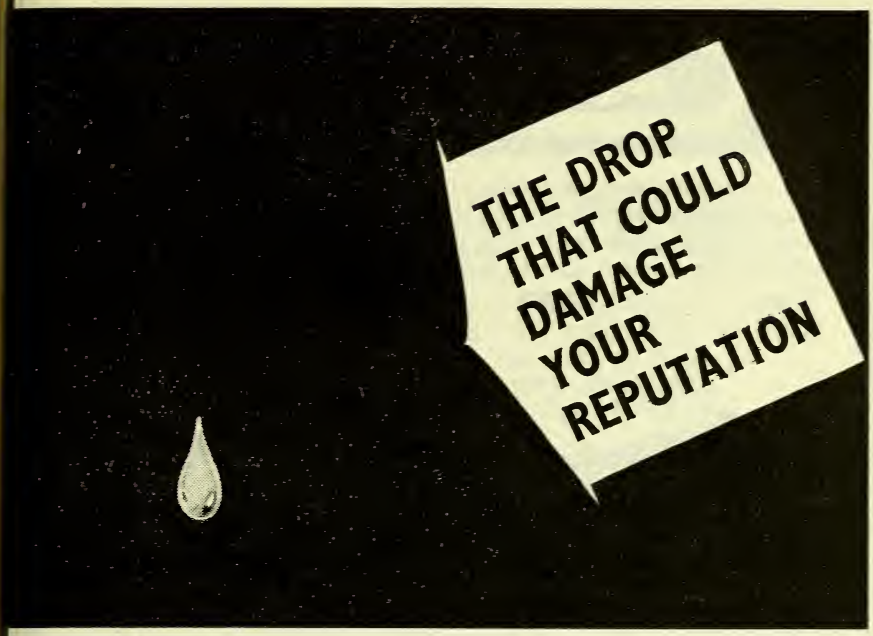

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An analgesic giving prompt and prolonged relief in neuralgia and functional periodic pain. 'Calsprin' is a combination of Baye Aspirin, phenacetin and caffeine, with calcium gluconate added to assist toleration and remove unpleasant taste.

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An analgesic with the stimulating action of caffeine. Relieves headache and restores normal freshness in physical and mental fatigue. 'Cafaspin' is a combination of Bayer Aspirin and caffeine.

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MERSALYL B.D.H. complies with the specification for Mersalyl B.P.

Mersalyl B.D.H. is a diuretic of high activity and low toxicity; it is indicated in the treatment of œdematous conditions, particularly those complicating cardiac disorders. Modes of issue: in ampoules of 1 c.c. and 2 c.c. of a 10 per cent. solution for intravenous or intramuscular injection (Injection of Mersalyl B.P.) and in the form of tablets and suppositories. Mersalyl B.D.H. is being advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock in readiness for all demands.

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Improved *Pregnavite* formula

Increasing knowledge of the special requirements of pregnancy and lactation in relation to modern diets has indicated the desirability of additions to the already successful Pregnavite formula. These consist of:

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Pregnavite has been specially designed to provide the vitamins and mineral salts which are most commonly lacking from the diet of the pregnant woman and in those quantities found by dietary surveys[1] and by experience to be best for the purpose.

[1] *Orr, Food, Health and Income, Macmillan,* 1936.

Under the new formula the recommended daily dose provides :—

Vitamin A	4,000 i.u.	Vitamin D	300 i.u.	Iron	68 mg.
Vitamin B_1	200 i.u.	Vitamin E		Manganese	3 p.p.m.
Nicotinamide	25.0 mg.	(*a*-tocopherol)	1.0 mg.	Iodine	
Vitamin C	400 i.u.	Calcium	160 mg.	Copper	

Pregnavite ***The comprehensive dietary supplement for pregnancy.***

Further particulars from Vitamins Ltd. (Dept. C.P.y.), 23, Upper Mall, London, W.6.

'ROCHE' NEWS IN BRIEF

'Revitone' Tonic

Although the production of 'Revitone' Tonic has recently been considerably in excess of our most sanguine expectations, we find that the demand has already passed the production level and our chemist friends are asked to be tolerant until the next batch becomes available. Meantime the 'Revitone' carton has been changed and will, we hope, provide the pharmacist with attractive display material, to our mutual advantage.

Vitamin E in the Menopause

A preliminary report on 25 cases of the menopausal syndrome is presented in which the author claims striking success from the use of 'Ephynal' synthetic vitamin E. Doses of 10 to 20 mg. daily resulted in prompt relief from the hot flushes and perspiration, with improvement in mood and outlook. Undesirable side-reactions such as headache, nausea, vomiting, dizziness, soreness of the breasts, pelvic pain and vaginal bleeding were not encountered, and the author considered that in some cases the vitamin seemed to be more effective in relieving symptoms of vasomotor instability than œstrogens. In addition the vitamin has the advantage of being free from any stimulant effect on the genital system or the parenchyma of the breast, and plays no carcinogenic role as the œstrogens may do. (*Amer. J. Obstet. Gynec.*, 1945, 50, 84.)

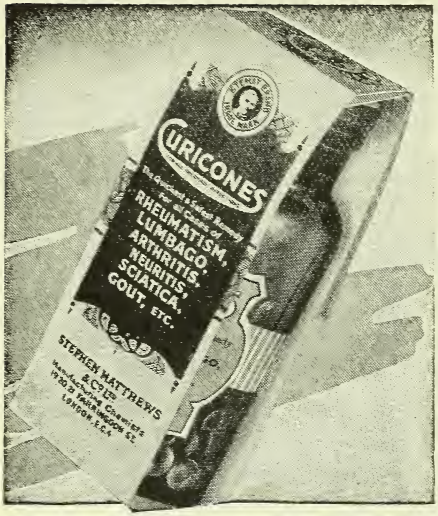
'Prostigmin' and Curarine

In endorsing a previous editorial comment that curarine is a very definite advance in anæsthesia the comment is added that "failure to use 'Prostigmin' to revive a patient from respiratory failure after curarine should be deemed gross negligence." A case is reported in which 'Prostigmin' had a striking effect in neutralising curarine. "A patient who had received 40 mg. of d-tubucurarine intravenously and was showing extensive and alarming paralysis, including the respiratory muscles, was restored to normal power within a minute of being given 1.5 mg. 'Prostigmin' intravenously." (*The Lancet*, 1946, 2, 519—Correspondence.)

Ætiology of Coronary Thrombosis

A report of findings in 151 male cases of coronary thrombosis shows that 94 per cent. of these were tobacco addicts and 55 per cent. were also users of alcoholic beverages. Other statistical evidence is presented to support the relationship of coronary thrombosis and deficiency of vitamins B_1 and C brought about by unbalanced nutrition and narcotic addiction. The clinical application of intensive vitamin B_1 and vitamin C therapy in a large number of incipient coronary cases brought about marked improvement in all prodromal symptoms. The author therefore feels confirmed in his opinion concerning the ætiological relationship of deficiency of these vitamins which is accentuated by tobacco and alcohol addiction. (*L'Union Medicale du Canada, September*, 1945.)

'SYNKAVIT'
VITAMIN K ANALOGUE
being water-soluble, suitable for intramuscular and intravenous injection.
Ampoules and Tablets, each 10 mg.



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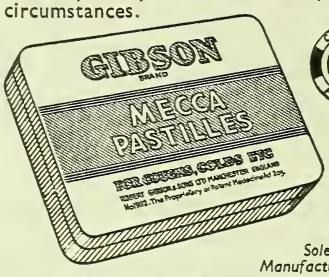

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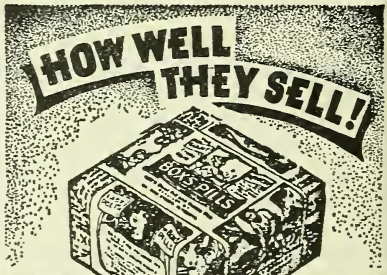

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P.A.T.A. retail prices (including P. Tax): 1/3, 3/-, 4/10½, 12/-, 21/9.

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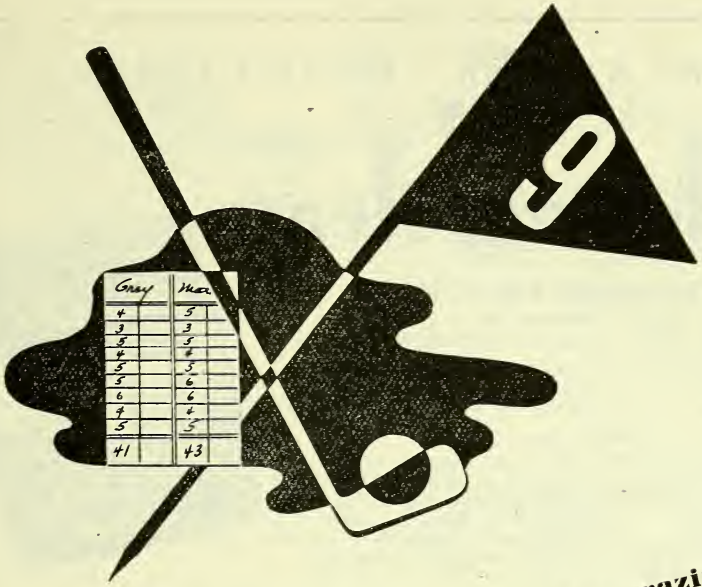

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G.A. 181

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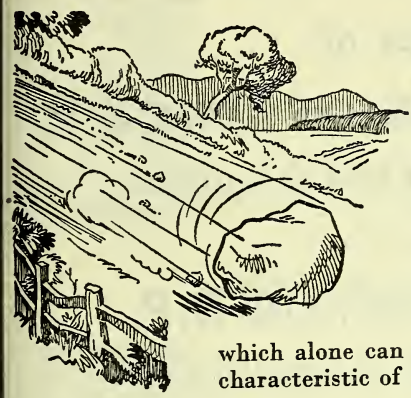

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. . . gathers no moss — true, but in tablet coating it's the rolling tablet that gathers the sugar. More important in producing a perfect tablet coating is the skill which controls the process — skill which alone can give that fine appearance so characteristic of all our coated products.

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MALT FOOD

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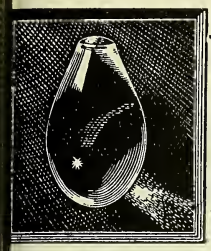

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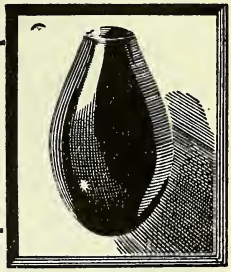

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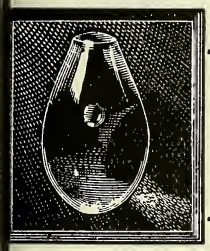

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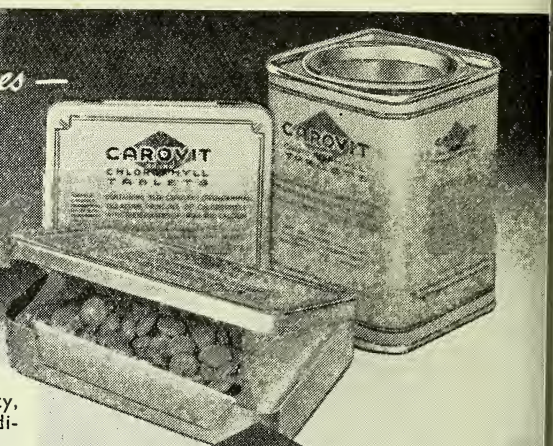

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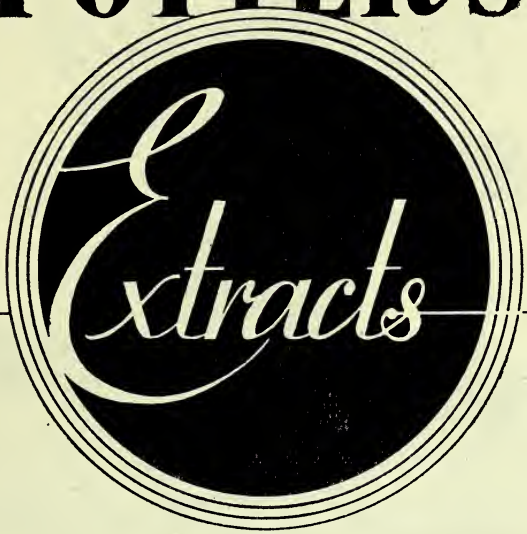

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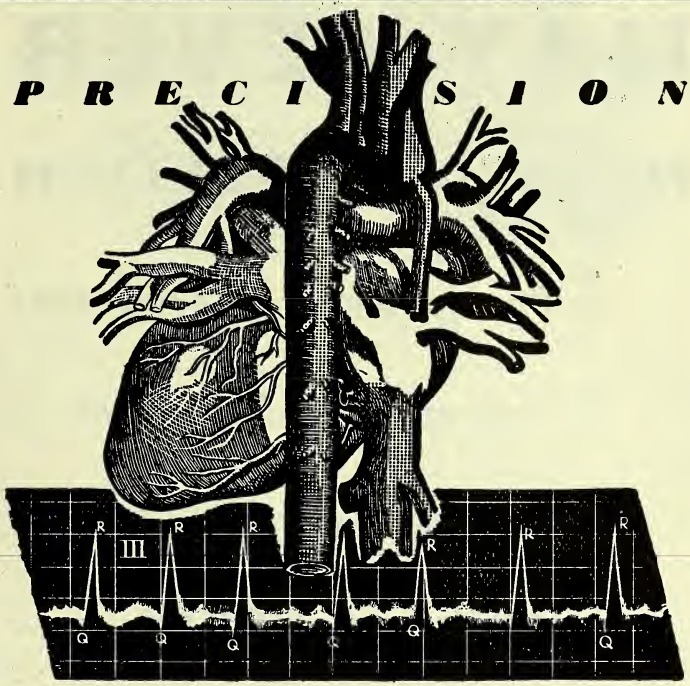

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ONLY 3 DROPS

in each nostril produce prompt and prolonged vasoconstriction

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Bottles of ½ fl. oz. with dropper.
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NEWS OF THE WEEK

Penicillin "Cold Box."—A Ministry of Health official announces that the term "cold box," as used in the penicillin questionnaire (see *C. & D.*, June 1, p. 700) refers to the ordinary ice-box of commerce (as used in hospitals).

Toilet Manufacturing Licences.—The Board of Trade announces that the home quota for manufacturers of toilet preparations which has been operative in the first period of 1946 will continue unchanged in the period July–December. Under the export bonus scheme many additional home trade licences have been granted.

New Enemy Trading Orders.—The Board of Trade has issued further amendments to the Trading with the Enemy Act, 1939, which make certain additions, deletions, and an amendment to the Schedule of Specified persons. The amendments are contained in an Order (S.R. and O., 1946, No. 824) obtainable from H.M. Stationery Office, price one penny.

Statutory Committee.—The Statutory Committee of the Pharmaceutical Society will meet at 17 Bloomsbury Square, London, W.C.1, at 11 a.m. on Thursday, June 27, to consider information and evidence received by the Committee from which it appears that three corporate bodies were convicted of offences under the Pharmacy Acts; and that, by reason of the facts leading to two of the above convictions, two superintendent pharmacists were guilty of misconduct.

Pharmacopœia Amendment.—Notice has been given by the General Council of Medical Education and Registration of the United Kingdom (the General Medical Council) that the British Pharmacopœia is amended by the addition of the following Schedule :—INJECTO PENICILLINI.—The application of the requirement : "In the preparation of Injection of Penicillin, Penicillin (Sodium Salt) or Penicillin (Calcium Salt) containing not less than 900 Units per milligram is used" is suspended until further notice. [The statutory minimum thus reverts to 300 u. per mgm.]

Proposed Poisons Amendments.—A draft poisons list amendment order and a draft amendment to the poisons rules

recently by the Home Office will have the effect, if ratified, of adding pethidine and its salts, and dihydrodesoxymorphine, to Part I of the Poisons List and Schedule I of the rules, and zinc phosphide to Part II of the List, and Schedule I. Preparations of zinc phosphide for the destruction of rats and mice are to be placed in Schedule V of the rules, which will enable them to be sold by listed sellers of poisons. The amendments are to be known as the Poisons (Amendment) Rules, 1946, and the Poisons List (Amendment) Order, 1946. Copies of the drafts are obtainable from H.M. Stationery Office, price one penny each.

Purchase Tax Petition.—Chorley Chamber of Trade is petitioning the Chancellor of the Exchequer to replace purchase tax by a sales tax, payable after goods are sold.

Londonderry Associates' Visit.—A party of Londonderry Associates of the Ulster Chemists' Association made a tour of the local gasworks recently. The visitors were afterwards entertained to tea by the general manager.

Edinburgh-Glasgow Golf.—The trophy presented by J. F. Macfarlan & Co., Edinburgh and London, was won by Glasgow chemists in the Edinburgh and Glasgow inter-city chemists' golf match played over Gullane Courses, East Lothian, recently.

Export Organisations Officers.—The British Export Trade Research Organisation (B.E.T.R.O.) has elected Mr. Leslie Gamage, M.C. (joint managing director of the General Electric Co., Ltd.) as *Chairman of the Council* for the year. He is succeeded by Mr. C. Percy Lister (R. A. Lister & Co., Ltd.) as *Deputy-chairman.*

Atomic Energy in Medicine.—Professor P. M. S. Blackett, F.R.S., speaking on atomic energy at the annual lecture of the British Association of Chemists at Manchester recently, mentioned that an application of atomic energy which might turn out to be one of its most valuable by-products was the production of new forms of radioactive elements for curative purposes.

Insecticide Manufacturers.—At the annua[1] meeting of the Association of British Insecticide Manufacturers recently the following officers were elected: *Chairman,* Mr. T. A. Robertson (Plant Protection, Ltd.); *Vice-chairman,* Mr. H. J. Jones (Hemingway & Co., Ltd.); *Treasurer,* Mr. E. Z. Bolt (G. H. Richards, Ltd.); *Auditor,* Mr. J. S. Mitchell (Murphy Chemical Co., Ltd.).

South-west London Officers.—At a me ing of the council of the South-west Lond Chemists' Association recently the follow officers were elected:—*President,* W. C. S. Thomas; *Senior Vice-presid* Mr. F. Copley; *Treasurer,* Mr. C. Kempl *Joint Secretaries,* Mr. H. R. Edgecom 77 Atlantic Road, London, S.W.9, Mrs. K. Collins, 357 Battersea Park Ro London, S.W.11.

Woman Pharmacist Honoured.— evening party in honour of Miss E. Ho kinson on the occasion of her retirement been arranged by the National Associat of Women Pharmacists. It is to be held the Bonnington Hotel, Southampton R London, W.C.1., on July 3. Memb wishing to be present should apply ticket (price 5s.) not later than June 26 Miss E. F. Hayward, 29 Summerl Gardens, London, N.2.

Solid Milk Experiment.—Fife Educat Authority is sharing in a Ministry of F experiment to determine the degree acceptance of milk in solid, flavoured fo by school pupils who find liquid milk pleasant. The experiment involves the of powdered milk compressed into bars blocks and flavoured with raspber lemon, chocolate or other flavours, blocks containing approximately the sa quantity of milk ($\frac{1}{3}$ pint) as would be tak in liquid form under the school scheme.

Smaller Health Regions Urged.—Disc sing the proposed National Health Servi Dr. J. Johnstone Jervis (professor of pub health, Leeds University) in his president address to the medical officers of heal section of the Health Congress of the Roy Sanitary Institute at Blackpool, recent advocated smaller regions than th planned. Such regions could provi complete integration of all health servic the larger region being retained for m highly specialised services (such as that dealing with cancer).

Packaging Restrictions.—The Board Trade reminds manufacturers that certa restrictions placed on the packaging goods for the home market during the w are still in force. These include the Cont of Containers and Packaging (No. (General) Order, 1945, and the Briti Standards Schedules referred to there which prescribe standard sizes of new a second-hand metal containers (other th collapsible tubes), and of new glass bottle which must be used for the packaging goods for sale in the United Kingdom.

oap Ration Cut.—As from June 23, the) ration is to be cut by one-seventh, ept for children under five; this means t only six coupons instead of the present en will be available in each eight-week iod. Each coupon will enable the con- ner to buy 4 oz. hard soap, or 3 oz. et soap, or 6 oz. soft soap, or 6 oz. No. 1) powder, or 12 oz. No. 2 soap powder, 3 oz. of soap flakes. Issues of soap to -domestic users other than textile nufacturers are to be cut in the same portion.

tandard for Sanitary Powders.—The tish Standards Institution has issued ently a specification for disinfectant and itary powders (B.S. 1013 : 1946). Three es of powder are recognised : 1, Carbolic vders, with specifications for fineness, nicidal efficiency (a Rideal-Walker fficient of at least 0.5), and phenols tent ; 2, hypochlorite powders, with a cified chlorine content ; and 3, other vders, for which a germicidal value is set. pies of the standard, price 2s. post free, y be obtained from the Institution, 28 toria Street, London, S.W.1.

King's Birthday Honours.—Included in New Year Honours list issued on ne 13 were the following : The Hon. H. Brand (chairman, British Supply sion, Washington), *Baron* ; Mr. William omas Griffiths (chairman and managing ector, Mond Nickel Co., Ltd.), *Knight* ; Joseph Hallsworth (general secretary, tional Union of Distributive and Allied rkers), *Knight* ; and Dr. Philip Noel nton (consultant adviser in pathology, nistry of Health), *Knight* ; Mr. J. B. sk (lately commercial director, Middle st Office, United Kingdom Commercial poration), *C.B.E.* An appreciation of Harry Jephcott appears on p. 772.

Empire Scientific Conference.—Sir Robert binson, (President of the Royal Society), lcoming their Majesties the King and een at the opening ceremony of the ciety's Empire Scientific Conference at University of London recently, referred the problems of medical science, and to control of infectious and transmissible eases within the Empire. It was the ibition of the members of the conference make the Empire an example to the rld of what might be achieved by friendly ellectual intercourse. The conference s to be followed by another in which scientific representatives of the mmonwealth Governments and India uld meet.

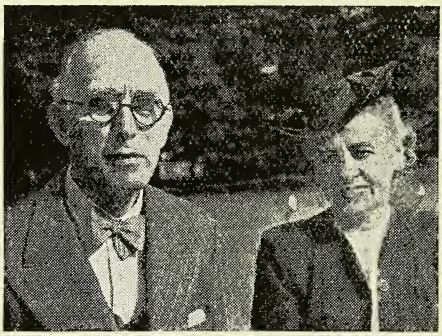
N.H.S. Discussion at Truro.—Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union) gave an address recently on "The Pharmaceutical Horizon" to a meeting of the Cornwall Pharmaceutical Committee. Mr. H. Jory was in the chair. A resolution was passed unanimously asking the negotiating committee [of the Joint Committee on a National Pharmaceutical Service] to secure that terms of payment under the proposed National Health Service should be on the principle of the N.P.U. retail price list, with the dispensing fees as shown in that list. Mr. A. T. Opie (chairman, Cornish Branch of the N.P.U.) proposed a vote of thanks to the speaker, which was seconded by Mr. A. C. Canon.

Midday Closing Discussed.—The right of chemist contractors to the West Sussex Insurance Committee to close their shops during the time of the midday meal was challenged at a meeting of the Committee recently. Mr. F. A. Pilcher (chairman), speaking on the report of the dispensing subcommittee, said that according to contract a chemist was not allowed to shut during the midday dinner hour, and he suggested that a subcommittee should be set up to watch the matter. Mr. H. R. Storm, M.P.S., said that he could not imagine any committee taking the view that a man could work ten hours or more without a break, and Mr. E. R. Meaker said that the agreement should be altered as it was "inhuman." After further discussion the matter was referred to the Pharmaceutical Committee.

Scottish Chemists' Costs Wanted.—An urgent appeal has been sent to all Panel chemists in Scotland by the Pharmaceutical Standing Committee (Scotland) asking for help in accumulating data as to dispensing costs, etc. After expressing the hope that some, if not all, of the Committee's suggestions will be incorporated in the coming Health Service Bill for Scotland, and expressing disappointment at the response to a previous appeal for statistics, the letter announces that a special subcommittee has been set up by the Standing Committee to prepare the case for the Panel chemist in Scotland. The subcommittee will ask for figures, estimate costs, search for facts and establish what changes have taken place in recent years. Pharmacists in Scotland are asked to supply the answers to a questionnaire which is being sent out, and to return it to the secretary of the Committee not later than July 31.

HONOUR FOR DISTINGUISHED PHARMACIST

Sir Harry Jephcott, M.Sc., Ph.C., F.R.I.C., who received a knighthood in the King's Birthday Honours, is well known to British pharmacists in all spheres, and it will be generally recognised that his honour was richly deserved. Sir Harry was born in Redditch, near Birmingham, in 1891. Educated at King Edward's Grammar School, Birmingham, he served his apprenticeship with J. Thornton, Redditch, but left pharmacy for a time to become, at twenty-one, a Civil Servant, by taking a post in the Customs and Excise Department. From that department he was seconded, after two years, to the Government Laboratory. After taking a first-class honours degree in chemistry at the University of London, he returned to his "first love" by passing, in 1916, the Pharmaceutical Chemist examination. In the same year he became an Associate of the Institute of Chemistry. The following year he was awarded the Pharmaceutical Society's silver medal and it is of interest that the bronze medallist of that year was later to become his wife. In 1918 he graduated Master of Science and joined the Glaxo organisation as chemist.



Sir Harry and Lady Jephcott.

Foreign Travels

In 1920-21 Sir Harry visited Australia and New Zealand for the first time on behalf of his company, a journey that was to be the first of a long succession of overseas visits. In 1923, during a visit to the United States, he became connected with early work in that country on vitamin D, and this led to the production of Ostelin by Messrs. Glaxo in England in 1924. When, in 1928, vitamin D was incorporated in Ostermilk the new product was sceptically received. The sceptics, however, were destined to be confounded, for eighteen years later a Ministry of Food recommendation to manufacturers of baby foods urged the addition of 800 units of vitamin D per reconstituted pint. The product was the first preparation of vitamin D to become available to doctors. Another outcome of his 1923 visit to the United States was the creation of the now world-famous "London" strain of the Wistar rat. The twelve does and four bucks from which the present numerous progeny developed were brought over as "stowaways" under Sir Harry's Cunard cabin berth, undiscovered by the stewards and staff. Overseas visits since that date have included seven war-time aeroplane trips to the United States—three spent in the racks of giant bombers. Flying hours on these trips totalled 250, equivalent to about 50,000 miles. In 1944, he visited the United States with Doctor Boon for the Ministry of Supply to report on penicillin production in that country. At the present time only two factories are producing penicillin in Britain and one of these is the plant of Glaxo Laboratories, Ltd.

In 1925 Sir Harry was called to the Bar (Middle Temple). He was promoted general manager of the company, and in 1935 became the managing director of Glaxo Laboratories, Ltd., of which he is the present chairman and managing director. In 1941 Sir Harry was appointed Manufacturers' Foods Adviser to the Ministry of Food. The issue of the Food Labelling Order, which marks the initial step on the road to well defined standards for foods on the lines of those already applicable to drugs, was due in very large measure to his campaigning and executive work at the Ministry.

Sir Harry is a member of the Council of the Association of British Chemical Manufacturers and a director of the Therapeutic Research Corporation, Ltd, His wife (née Gregory) is also a distinguished pharmacist. In 1915 she won the Fairchild Scholarship, the only woman to gain the award up to that date. She passed the Pharmaceutical Chemist examination in 1917 and during the recent war returned to help out in retail pharmacy in addition to other war work. Sir Harry and Lady Jephcott have two sons, one at school at Aldenham and the other in the Army.

Feb 546

TOPICAL REFLECTIONS

n Important Amendment

It will be remembered that one of the esolutions passed at the representatives' neeting held on April 9 to discuss the Iational Health Service Bill stated that harmacists providing services at health entres should be employed by executive ouncils, not by local authorities (*C. & D.*, pril 20, p. 504). As reported in your last eek's issue (p. 744), an amendment to this ffect has been moved by Mr. H. N. Linstead t a sitting of the Standing Committee of he House of Commons. Its reception by he Minister of Health was hostile, the Iinister stating that he could not very well ccept it "without changing the status of ther ancillary staffs at the health centres." Ancillary," as dictionaries remind us, ertains to our old acquaintance the handaid. So we are again regaled with the otion of pharmacy as the handmaid of edicine, a notion that many of us had ainly regarded as obsolete. Mr. Linstead's tation of Clause 43 of the Bill, in which hose who provide pharmaceutical services re linked with medical and dental practioners, seems to provide as strong an rgument for his amendment as can be esired. A further point, raised at the pril meeting referred to, is that any harmacist employed in this way by a ocal authority would be ineligible for lection to his borough or rural council. hat point should have sufficed to condemn he Government proposal, unless special egislation to overcome the difficulty is ontemplated.

Vays and Means

Everyone interested in the welfare of the harmaceutical Society of Great Britain, hether as a member or otherwise, must ave read with misgiving the remarks of he Society's treasurer in the latter part of our report of the Council's June meeting p. 751). The position disclosed by him is ndoubtedly serious. The School at Bloomsury Square has seldom paid its way. In pril 1921 you reported that it had just one so for the first time since the Society as founded: whether it has ever repeated his feat I do not know. As a rule it has een an expensive luxury. But the School not the sole cause of the present strinency. When the change-over from the oluntary to the compulsory membership f registered pharmacists took place in 934, the income of the Society rose from 67,390 in the previous year to £95,422 (shillings and pence omitted). Ordinary members of the Society must sometimes have wondered, as I have, that with the Brunswick Square scheme already in hand a more determined effort to economise in current expenditure has not been made. Those responsible for directing the Society's finances can, of course, show that considerable sums have been passed into the building fund—£18,000 in 1934, for instance. My point is, however, that the day-to-day disbursements appear, with few exceptions, to have shown a steady and continuous rise during several years. As the Council has agreed to hold a special meeting to consider the Society's financial position, I need not add to this very brief outline. Members will await the result of the Council's investigation with an anxiety which is only natural.

Nicolas Lemery

At some time during the past forty-seven years, though I cannot remember when, the name of Nicolas Lemery, who died on June 19, 1715, must in all probability have appeared in this section. When we think of pharmacists other than those born and bred in our own country, he is sure of a place among the most distinguished. In the early part of his career he opened a pharmacy in Paris and conducted courses in chemistry. The courses attracted numerous students as well as less serious visitors. Eventually his religion rendered him a suspect in the view of the French government, and in 1683 he fled to England, where he was well received. But after a brief stay he returned to France and changed his faith. His scholastic output was considerable. It included "Cours de Chymie" (1675, followed by twelve later editions), "Pharmacopée Universelle" (1697), and "Traité Universel des Drogues Simples" (1698). The first of these treatises was translated into English by W. Harris, and the second by J. B. Du Hamel. Lemery's processes for making two oxides of iron were widely adopted, and he left a formula for potable gold with canella. In "Chronicles of Pharmacy" he is quoted as saying that this tincture is "a good cordial because of the essence of canella and the spirit of wine." It may well be that he was in advance of his period and published the formula as a concession to current medical practice, leaving his readers to draw their own conclusions from his comment.

Xrayser

COMPANY NEWS

ASPRO (IRELAND), LTD. (P.C.).—Registered in Dublin. Capital £100,000. Manufacturers of and dealers in medicines and medical preparations and drugs, etc. Directors are not named.

BUTLIN'S PHOTOGRAPHIC SERVICES, LTD. (P.C.).—Capital £10,000. To carry on business as indicated by the title. Directors are not named. Solicitor: Sir John Crisp, 17 Throgmorton Avenue, London, E.C.2.

ANGLO-FRENCH DISTRIBUTORS (CHEMICAL CO.), LTD. (P.C.).—Capital £1,000. Dealers in merchandise, including chemicals, etc. Directors are to be appointed. Solicitors: Stone & Stone, 69 Moorgate, London, E.C.2.

CREME-WAVE COLD PERMANENT WAVING CO., LTD. (P.C.).—Capital £1,000. Wholesale and retail chemists, etc. Leslie M., and Ronald N. Summers, directors. R.O.: 989 Christchurch Road, Pokesdown, Bournemouth.

DUNLOP SPECIAL PRODUCTS, LTD. (P.C.).—Capital £50,000. Manufacturers of and dealers in rubber, gutta percha and plastic goods, boxes, containers, cartons, tubes, capsules, packing and wrapping materials, etc. Directors to be appointed. R.O.: 1 Albany Street, London, N.W.1.

NORMAX PRODUCTS, LTD. (P.C.).—Capital £10,000. To acquire the business of a wholesaler of cosmetics, medical supplies and sundries, carried on by Ernest P. Hayman at 77 Torquay Road, Paignton. Ernest P. Hayman and Richard H. Bew, directors. R.O.: As above.

EDWARD LLOYD (COLWYN BAY), LTD. (P.C.).—Capital £1,500. To acquire the business of a chemist carried on by Morris W. Lloyd at 126 Abergele Road, Colwyn Bay, as "Lloyd, M.P.S." Morris W. Lloyd and Bessie E. Jones, directors. R.O.: As above.

SCIENTIFIC EXPORTS (GREAT BRITAIN), LTD. (P.C.).—Capital £10,000. To adopt an agreement with Allen & Hanburys, Ltd., Adam Hilger, Ltd., Baird & Tatlock (London), Ltd., Hopkins & Williams, Ltd., W. Watson & Sons, Ltd., and E. R. Watts & Son, Ltd.; and to carry on the business of manufacturers of scientific instruments, surgical instruments, and appliances, hospital equipment, fine chemicals and analytical reagents, etc. John E. C. Bailey, Wilfred E. Watson-Baker, Gilbert T. Gamble, Christopher L. Prior, Dick R. Stanley, and Frank Twyman, directors. R.O.: 17 Throgmorton Avenue, London, E.C.2.

J. C. & J. FIELD, LTD.—Profit for the year ended March 31 amounted to £27,530, compared with £20,386 in the previous year. Dividend on ordinary stock, 10 per cent. (7 per cent.); carried forward, £33,524 (£32,658).

THE BRITISH DRUG HOUSES, LTD.—Directors report for the year ended December 31, 1945, states that the profit, before charging taxation, was £325,332, being £115,084 less than for 1944; total provision for income tax and excess profits tax amounts to £283,048, this being lower than for 1944 by £120,209. Including carry forward of £19,447, profit available for distribution is £61,731 which the directors recommend dealing with as follows: Preference dividend of 5 per cent. for year ended December 31, 1945, less tax, £8,750; dividend of 6 per cent. on the ordinary shares, less tax, £13,200; general reserve, £20,000; forward, £19,781. The report continues: As was stated a year ago, the capital of the company is no longer adequate to finance our business. The balance sheet reveals increases in almost all items. Fixed assets are higher owing to additions to plant and to the acquisition of freehold premises. The rise in investments in subsidiary companies is due to the formation of our South African company. Current assets, including advances to subsidiaries, increased by £283,956 and current liabilities by £295,917. The increase in the latter was caused by the preparations we have made to meet the rapidly expanding demands for our products. These circumstances have necessitated an increase in our bank loan by £50,000 to £520,000, and it has become abundantly clear that further capital is needed in order to make our manufacturing facilities commensurate with the increased demand for our products. The directors have accordingly decided to increase the authorised capital of the company by the addition of 175,000 £1 5 per cent. cumulative preference shares and 400,000 £1 ordinary shares, and resolutions to this effect will be submitted to meetings of the shareholders which will be held immediately after the annual general meeting. The directors are seeking the permission of the Capital Issues Committee to increase the issued capital, in order to finance the contemplated development of the company. Subject to such consent, it is the directors' intention to offer new shares in the first instance as rights to the existing shareholders.

BIRTHS

PICKFORD.—At 42 Bramhall Lane South, Bramhall, on June 6, Elsie (née Percival), the wife of T. A. Pickford, M.P.S., of a son (Antony John).

WALLER.—At the Royal United Hospital, Bath, on June 18, Edna, the wife of Owen H. Waller, M.P.S. (Assistant Editor of THE CHEMIST AND DRUGGIST), 18 Eastbourne Avenue, Bath, of a daughter (Margaret).

MARRIAGE

MILBANK-GRIFFIN.—On June 12, Sydney A. Milbank, M.P.S., the son of Mr. S. T. Milbank, Ph.C., Bishop's Stortford, to E. Mary Griffin.

DEATHS

ARMSTRONG.—At Kelworth, Dalnottar Avenue, Old Kilpatrick, on June 13, Mr. Thomas Armstrong, M.P.S., formerly of 642 Dumbarton Road, Dalmuir.

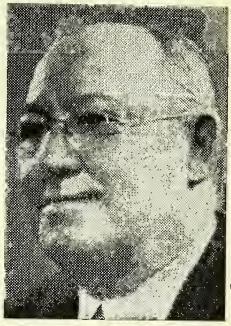
ASHFIELD.—Recently, Mr. Percy J. Ashfield, C.B.E., J.P., Den Haag, Pendyffryn Road, Rhyl, aged seventy-five. Mr. Ashfield, who qualified as a chemist and druggist in 1892, was a native of Stratford-on-Avon, but had lived at Rhyl since 1898. His C.B.E. was received in 1927 for public and political services, and he became a justice of the peace in 1924. A chairman and former president of the Flintshire Conservative Association, he was High Sheriff of the county in 1943 and one of the founders of the Rhyl Publicity and Amateur Dramatic Associations. In 1906 he was presented by the townspeople with a silver tray in recognition of his public services. For nearly half a century Mr. Ashfield was a churchwarden at St. Thomas' Church, Rhyl.

BROWN.—On June 11, Mr. Charles Harry Brown, wholesale druggists' sundriesman, 1 Beddington Road, Seven Kings, Essex, formerly of Forest Gate, London, E.7, aged eighty-five.

COULTHARD.—In India on April 5, Mr. George Wilson Coulthard, Ph.C., 13 Brunswick Street, Carlisle, aged twenty-eight. Mr. Coulthard qualified in 1941 and passed the Pharmaceutical Chemist examination in 1943.

PATTISON.—Recently, following an operation, Mr. Henry George Pattison, M.P.S., 38 Corn Market, Derby, aged seventy-three. Son of a Shrewsbury chemist, Mr. Pattison had since 1912 been proprietor of the business of Hart & Co., chemists, Corn Market, Derby. He had filled the position of president of the Derby Pharmaceutical Society. A member of Derby town council since 1930, he was made an alderman in 1940 and mayor in 1941-42. At the time of his death Mr. Pattison was a director of the Derby County Football Club.

LIGGETT.—In the United States, on June 5, Mr. Louis K. Liggett (founder and for many years president of the United Drug Co., Boston, Massachusetts), aged seventy-four. Mr. Liggett had been seriously ill for two years, and in 1944 resigned his active association with the company, though he continued as chairman of the board until this year. Mr. Liggett visited England on many occasions, his last trip being for the Coronation in 1937. A correspondent writes "Mr. Liggett was always proud of the fact that, for forty years, he had been actively associated in promoting friendship between Great Britain and the United States, and as a great lover of England he frequently expressed his opinion that there was no saner, safer or better place to live in than Great Britain."



MORGAN.—On June 15, after a long illness, Mr. James Morgan (a director of W. C. Bacon & Co., Ltd.). Mr. Morgan entered the firm in 1896 as junior clerk, later became market clerk and was appointed to the position of director when the firm was converted into a limited company.

TOCHER.—At a nursing home in Barnet on June 9, Mrs. (Jane) Tocher, the wife of Mr. G. A. Tocher, M.P.S. (secretary, London Pharmaceutical Committee), aged seventy-two. The service and cremation took place on June 13. In addition to the chief mourners there were present Messrs. C. A. Noble and Clifford Evans (representing the London Pharmaceutical Committee), G. F. Butterworth and W. T. Pratt (representing the Western Pharmacists' Association), Mr. E. F. Pearson, Mr. W. Burgess Dow, Mrs. W. A. Whatmough and her daughter Miss Winifred Whatmough, and Mrs. Brockes.

LEGAL REPORTS

Pharmacy Act Cases.—At Burslem, Staffs, recently, Sandbach & Son (Burslem), Ltd., 97 High Lane, Burslem, were fined £5 on each of two summonses of contravening the Pharmacy and Poisons Act, 1933. The first charge was of using the description "chemists" without having a pharmacist in charge of the business, and the second of unlawfully selling morphine (in chlorodyne) without being an authorised seller of poisons.

Payment for Bottle of Medicine.—At Bedford county court, recently, Robert William Noble, M.P.S., St. Cuthbert's Street, Bedford, sued J. M. Stevens, company director, Whitcomb Street, London, W.C.2, for the balance of payment on a bottle of medicine. Counsel for the plaintiff said the drug had been prescribed for the defendant after he had consulted a second doctor upon the treatment of jaundice from which he suffered. At the time only one chemist in the country could supply the drug, and plaintiff was unable to state what the price would be. After the prescription had been made up defendant paid 10s. on account, and when told that the actual cost would be £18, refused to pay more, as he considered the price exorbitant. The first invoice received by Mr. Noble showed that the price of the drug was 78s. per gm. This should have been 78s. per 10 gm. The present cost to doctors was 120s. for 10 gm. with one-sixth purchase tax. The action was undefended. The judge gave his decision in favour of the plaintiff, with costs.

No Qualified Man.—At Halesowen police court, recently, Eric Holloway (Chemist), Ltd., Windmill House, Colley Gate, Chadley, were summoned under the Pharmacy and Poisons Act, 1933, for unlawfully selling preparations by retail, in a container not labelled in the prescribed manner, and for selling Part I poisons otherwise than under the supervision of a registered pharmacist. On March 28 an inspector visited the defendant's shop and found that the business was being run under the direction of Mr. Jack Holloway. Antikamnia tablets, which could only be sold under the direction of a chemist, were available for sale and the inspector purchased a quantity. Mr. Holloway frankly admitted there was no chemist in the business; the company had had one until six weeks previously but had been unable to replace him. The defendants, in a letter to the Society, complained that the Central Pharmaceutical War Committee gave no assistance in getting a qualified chemist. Mr. Jack B. Holloway told the Bench that he and his brother had made every possible endeavour to obtain another qualified chemist without success. After a retirement, the Bench imposed a fine of £10 for selling the poison without supervision and £5 for the labelling offence. They allowed an advocate's fee of £3 3s.

BUSINESS CHANGES

Mr. J. L. Whitton, M.P.S., has acquired the business of Dunbeth Apothecaries Co., 2 Dunbeth Road, Coatbridge.

Mr. John Stokoe, M.P.S., has acquired the business of Mr. G. W. Allin, M.P.S., 31 Brisbane Street, Greenock.

Mr. James S. Boyd, M.P.S., has purchased the business of MacNaughton & Buick, 29 Belhaven Street, Port Glasgow.

Mr. G. Bassett-Day, M.P.S., has been appointed sales manager for Calfos, Ltd., Imperial House, Kingsway, London, W.C.2.

Stemco, Ltd., 128-32 Albert Street, Camden Town, London, N.W.1, have been appointed distributors of Anzora cream and Anzora Viola.

Frederick Boehm, Ltd., are removing on June 26 to 19 Bentinck Street, London, W.1 (telephone: Welbeck 7933), from their temporary (war-time) address.

Mr. John Everitt has purchased the business of S. Stewart & Co., 58 Howard Street, Belfast, and is continuing the business at the same address under the name of John Everitt & Co.

Mr. A. E. King, M.P.S., 83 Gloucester Road, Bristol, 7, has purchased, and will continue to run as a branch, the business of Mr. A. Burking, M.P.S., 52 Stapleton Road, Bristol, 5.

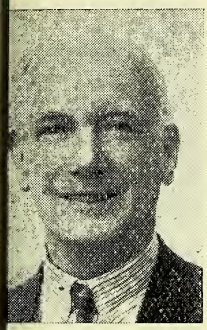
Mr. H. D. Smith has joined Southon Laboratories, Ltd., manufacturing chemists, 88 Upper Richmond Road, London, S.W.15, as export manager, after resigning the managership in Teheran of the Anglo-Iranian Pharmaceutical Co., Ltd.

The Institute of Export is removing on June 24 to Holland House, 140 Cromwell Road, London, S. W.7. (Telephone: Western 3128.)

The Wellcome Foundation, Ltd., have acquired premises at Commonwealth House, 1–19 New Oxford Street, London, W.C.1 (Telephone: Chancery 8201), to which the overseas division and shipping section of the transport department is being transferred on June 24.

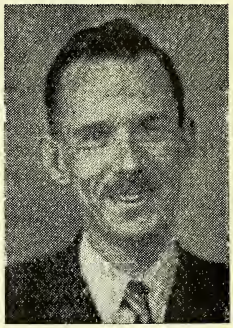
PERSONALITIES

Mr. Angus F. McIntosh, M.P.S., this year's president of the Industrial Pest Control Association, is managing director of Thomas Harley, Ltd., Perth. He joined the late Mr. Thomas Harley as manager in 1910 and developed the business both at home and overseas. After Mr. Harley's death in 1932, the business was converted into a limited company with Mr. McIntosh as managing director. He has been associated with the I.P.C.A. since its inception. Mr. McIntosh is a past-president of the Rotary Club of Perth.



Mr. Mitchell Jackson, this year's chairman of the Leeds Branch of the Pharmaceutical Society, served his apprenticeship in Bradford to Mr. R. H. Stevenson. After qualifying in 1929, he was from 1930–44 manager for Taylors Drug Co., Ltd., Headingley, Leeds. He then purchased the business at 110 Roundhay Road, Leeds, 7, formerly conducted by the late Mr. A. Winterbottom. Mr. Jackson took an active part in developing the Association of Pharmaceutical Employees, but resigned in 1944 when he became a proprietor. He has also held office as Trades Union Congress representative on the Central Pharmaceutical War Committee, 1943–44, joint secretary and a member of the national advisory committee of the Association of Pharmaceutical Employees and secretary to its Leeds branch, member of the national executive of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks. He has been an active member of the Leeds Branch of the Pharmaceutical Society since he has lived in Leeds, and a member of its committee from 1940 to the present time.

Mr. R. L. Worth, this year's president of the West Ham and Eastern District Association of Pharmacists, served his apprenticeship with Boots, Ltd., George Street, Plymouth, studied at the Plymouth Technical College, and passed the qualifying examination in July 1932. After a short period in private pharmacy, he returned to Messrs. Boots and later, after varied experience with the company in the south of England, joined, in 1939, the London Co-operative Chemists, Ltd., for whom he has managed a branch at Canning Town, London, E.16. The company is associated with the London Co-operative Society, Ltd.



Mr. H. B. Watkins, chairman, 1946–47, of the Newcastle-on-Tyne Branch of the Pharmaceutical Society, was educated at the Newcastle Royal Grammar School, commencing his apprenticeship in the old-established business of Williamson & Hogg, Ltd., North Shields, in 1921. In 1924 he obtained a B.Sc. degree in pure science at Durham University, and two years later passed the Chemist and Druggist Qualifying examination. He then joined Phillips, Spencer & Dakers, Ltd., manufacturing chemists, Newcastle-on-Tyne, and later returned to Messrs. Williamson & Hogg as manager of the wholesale and manufacturing side of the business. From very early days he took an interest in branch affairs and during his apprenticeship was secretary of its student-associates' section. Later he became secretary of the Newcastle District and Northumberland Branch of the Society, a position which he held for eleven years until deciding to relinquish the branch secretaryship in 1945.

TRADE NOTES

New Pack.—Splendor, Ltd., Nottingham, sole distributors of Missie shampoo, are now issuing this preparation in a new pack.

Improved Formula.—Vitamins, Ltd., (Dept. C.P.y.), 23 Upper Mall, London, W.6, announce the addition of nicotinamide and vitamin E to Pregnavite.

Emery-board Supplies.—Cross & Max, Ltd., 17-18 Bishop's Court, Old Bailey, London, E.C.4, have available, for immediate delivery, emery boards in three sizes.

Phenolphthalein Facts.—A booklet entitled "What Modern Research Has Found Out About Phenolphthalein" is available to any chemist from Ex-Lax, Ltd., Slough.

Non-spill Compacts.—Wholesale, retail and export inquiries are invited for a new non-spill powder compact introduced by Madelox, Ltd., 168 Corporation Street, Manchester, 4.

Label Printing.—Briggs & Bamforth, chemists' printers, King's Avenue, Leeds, 6, invite chemists to write for specimens of modern letterheadings and other printed stationery.

Almond Oil.—Stafford Allen & Sons, Ltd., Wharf Road, London, N.1., announce that almond oil of outstanding quality is again being manufactured in the company's Wharf Road plant.

Personal Service.—It is announced by Evan Williams Co., Ltd., Aintree Road, Perivale, Greenford, Middlesex, that their representatives will be resuming regular journeys from July 1.

Booklet on Œstrogens.—A booklet entitled "Stilbœstrol and Related Synthetic Œstrogens" has been introduced by Clinical Products, Ltd., Richmond, Surrey, who will send a copy to any chemist on request.

Post-war Packs.—Illustrations of the post-war packs introduced by Pomeroy Beauty Preparations, 174 New Bond Street, W.1, are included in the company's announcement on another.

Fly Spray.—Spry fly-spray, issued by Carlton Laboratories, Ltd., 1-5 Joiner's Arms Yard, Denmark Hill, London, S.E.5, is compounded with DDT and is available from the manufacturers in 6-oz. bottles.

Succinyl Sulphathiazole.—A ten-page booklet on this sulphonamide compound has been issued by May & Baker, Ltd., manufacturing chemists, Dagenham. Copies of the booklet may be obtained by pharmacists on request.

Plastic and Metal Containers.—Percenta, Ltd., 69 Borough High Street, London, S.E.1, specialise in the making of metal and plastic containers of all types. Inquiries should be sent to Department 23 of the company.

Packed Drugs.—Ashley & Weeks, Ltd., Mitcham Road, London, S.W.17, offer a range of packed drugs including sodium bicarbonate, boracic crystals, etc., in attractive cartons, Supplies may be obtained through wholesalers or direct.

Closed for Stocktaking.—The offices and warehouse of C. J. Hewlett & Son, Ltd., manufacturing chemists, 35–43 Charlotte Road, London, E.C.2, will be closed for stocktaking from Wednesday, June 26 to Saturday, June 29, inclusive.

Hair Growth Anatomy.—An attractively-coloured 16-page booklet dealing with the anatomy of hair growth and the applications of Lanalol preparations has been produced by the manufacturers, Lanalol, Ltd., 20 High Holborn, London, E.C.1.

Emulsifiers Again.—Ormerod Engineers, Ltd., Shawclough, Rochdale, Lancs., announce that Q.P. hand and power emulsifiers are again available; full particulars will be sent to any inquirer upon request. The power machines handle up to 20-25 gall. hourly.

Household Insecticides.—A series of household insecticidal preparations containing DDT is available from Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts. The series includes fly spray, moth spray, insect powder, moth powder, and "bin" powder.

Holdalls and Hairpins.—A range of cosmetic packs in assorted silk coverings, waterproof lined; holdalls in assorted silk coverings and plastic materials; plastic swimming caps, and bath caps and hairpins in packets, are available from F. Ambrose, Ltd., 56 New Kent Road, London, S.E.1.

All-purpose Insect Powder.—Super Klinsek is the title of an all-purpose insect powder containing DDT and pyrethrum introduced by Parisek, Ltd., 17 Victoria Street, London, S.W.1, who are also the sole distributors of Ratoids red squill, rat biscuits and mouse "crumbs."

Three-day Closing — British Schering, Ltd., 167 Great Portland Street, London, W.1., state that the company's offices and warehouses will be closed for stocktaking on June 27, 28 and 29. During that period

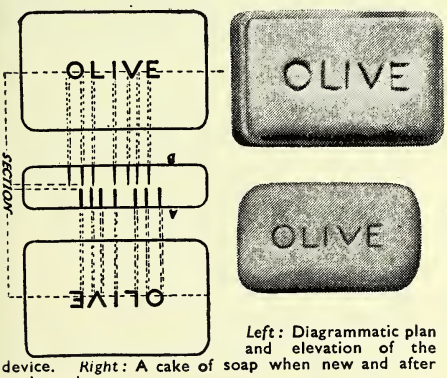
urgent requirements may be obtained from John Bell & Croyden or William Martindale, 50 Wigmore Street, London, W.1.

Chemical Standards.—The claim is made by Monsanto Chemicals, Ltd., Victoria Station House, London, S.W.1, that most Monsanto chemicals are prepared to much closer specifications than those required by the British Pharmacopœia or British Standards Institution. The company specialises in the manufacture of aspirin, phenol, phenacetin, salicylates, benzoates, lysol.

Penicillin Booklet.—A 48-page booklet entitled "The Pharmacy of Penicillin" has been issued by Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), London, and copies are available to pharmacists on request. The booklet outlines the history of the drug, describes its production, unitage, and chemical structure, discusses its pharmaceutical effects and stability, and gives information on how to dispense preparations containing it. A useful bibliography and index are included.

Employee Education.—The National Cash Register Co., Ltd., have announced plans for educating their juvenile employees. The courses of study, which are non-vocational, take place during normal working hours in a "Study Centre," and the facilities are extended to the company's employees under eighteen years of age. Subjects of study include home and world affairs, English, musical appreciation, mathematics, and, for girls, home-making, first aid and hygiene.

Soap-marking Device.—A provisional patent was granted recently to Mr. George Cole, Birmingham, for an invention comprising certain improvements in the marketing of soap tablets or blocks, whereby the brand or other representation remains throughout (or substantially throughout) the life of the tablet or block. Under the invention, the lettering, etc., is made to extend deep into the tablet and thus is not obliterated by rubbing the soap from the surface of the tablet. Should any soap be washed into the gaps forming the design the difference in texture of the soap in the gaps still shows up the design. In one form of the device the lettering or representation is made by a die which is pressed into the tablet to the required depth. If the lettering is pressed into the soap on each side to nearly half the depth of the tablet, the incisions on the one side are conveniently off-set in relation to those on the other. In a second form, the die for moulding the lettering or representation may be built up of spaced-apart pins or needles, so that a series of holes is moulded in the soap. In a still further form an incision instrument may be used to give a localised colour.



Left: Diagrammatic plan and elevation of the device. *Right:* A cake of soap when new and after prolonged use.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor not later than Wednesday morning of the week of insertion.

Monday, June 24

North Notts Branch, National Pharmaceutical Union, and Mansfield Branch, Pharmaceutical Society, County Technical College, Mansfield, at 7.15. Annual meetings. Discussion on National Health Service Bill.

Wednesday, June 26

Hitchin and North Hants Branch, National Pharmaceutical Union, Council Chamber, Town Hall, Hitchin, at 7.30 p.m. Inaugural meeting. Mr. R. H. Kemp (local organisations officer, N.P.U.) on "The National Health Service and Other Matters."

North British Branch, Pharmaceutical Society, 36 York Place, Edinburgh, at 11 a.m. Annual meeting.

Thursday, June 27

Bedfordshire Branch, Pharmaceutical Society. Visit to J. W. Green, Ltd., brewers, Luton. Meet at the Brewery, 2.30 p.m. Limited to Bedford pharmacists, student associates, and apprentices.

Friday, June 28

Royal Commercial Travellers' Schools, Winchester House, Old Broad Street, London, E.C.2, at 11 a.m. Annual court of governors.

Sunday, June 30

Manchester Pharmaceutical Association, Ramble to Glossop and Edale. Meet at London Road station, 8.45 a.m. Book Glossop return.

ESSENTIAL OILS TRADES MEETINGS

THE annual meeting of the Essential Oil Importers' Section of the London Chamber of Commerce was held on May 30. Mr. F. G. Pentecost (chairman) presided. Mr. L. C. Pickering, representing the Ministry of Food, was present by invitation.

Reviewing the work of the Section during the year, MR. PENTECOST said, *inter alia* :

Since the last annual meeting there have been four meetings of your Executive Committee and one subcommittee meeting. The work of the Essential Oils Advisory Committee has been even more arduous than before. I am sure you will wish to join with me in expressing sincere thanks to our representatives, namely, Mr. Wheeler, Mr. Naumann, Mr. Ennever and Mr. Evans, for the good work they have done on our behalf. Now that the removal of nine oils from control has taken place, and with the prospect of further removals in the future, it is clear that the whole question of re-exports needs to be reconsidered. I would like to emphasise at this stage that oils which have been removed from control may be freely exported. The anomalous position therefore exists that, whilst only a few lines are available within the scope of the present re-export scheme, a number of other oils can be freely exported. The Ministry of Food recently asked your Committee to examine the whole subject of re-exports A small subcommittee was therefore formed for this purpose and, as a result, proposals were drawn up and submitted to the Ministry for approval. The Aromatics Joint Committee has continued to arrange the distribution of French floral products but will shortly be wound up, as these materials may now be imported under licence although subject to a guarantee that they will be used in manufactures for export. The main work of the section has been with the Essential Oils Control.

After discussion, during which a number of questions were answered, the chairman's report was adopted. Mr. K. C. Allen and Mr. W. J. McArthur were unanimously elected *Chairman* and *Deputy-Chairman*, respectively. The *Committee* of the Section was reconstituted. Under the Rules two members of the Merchants' and Agents' Subsection and one member of the Manufacturers Subsection are due to retire annually. Messrs. W. J. McArthur and A. W. Munns (representing the Merchants and Agents) were unanimously re-elected. Mr. F. G. Pentecost (representing the Manufacturers) was unanimously elected in place of Mr. Allen, the retiring member, who by his accession to the chair became an *ex-officio* member of the Committee.

Aromatic Compound Manufacturers

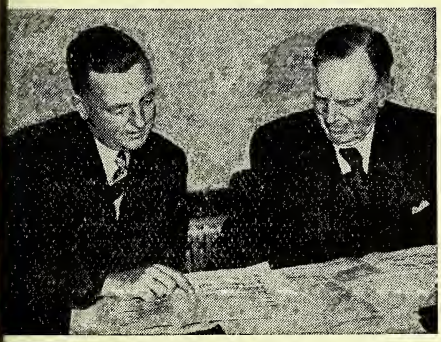
The annual meeting of the British Aromatic Compound Manufacturers' Association was held on May 30. Mr. F. G. Pentecost (chairman) presided. The following points were included in those made by MR. PENTECOST :

The Association has continued to carry out valuable work and in addition to the usual committee meetings, negotiations have taken place with Government departments on many matters of importance to aromatic compound manufacturers. The working of the Essential Oils Control scheme has been a matter to which your Committee has given constant attention. Equal in importance to the essential oils scheme was the question of supplies of floral products and other aromatic and synthetic materials. The Aromatics Joint Committee has served a useful purpose in this respect in arranging the distribution of fine aromatics purchased from Grasse by Government arrangement. I would remind you that this Association is represented on that Committee by two members. During the year the Committee has been chiefly concerned with the re-distribution of Grasse products mainly due to the fact that various users who had applied for the materials found that they could not use them solely in products to be finally exported.

On the question of the reciprocal supplies we agreed to make to France, the position is a little more difficult. The Aromatics Joint Committee has served its main purpose now that aromatic materials may be imported from anywhere in the world under licence, provided that they are used in manufactures for export. Another matter which has caused general satisfaction is the improved situation in respect of terpineol. Amongst other matters considered by your Committee was the question of purchase tax on aromatic compounds. Mr. F. G. Pentecost and Mr. Cecil Bush were unanimously re-elected *Chairman* and *Deputy-chairman*, respectively. The *Executive Committee*, which consists of five members to be elected annually, was re-constituted. Three of the retiring members were re-elected and Mr. J. A. Pentecost and Mr. R. F. Gillham were elected to fill the remaining two vacancies.

A NOTABLE BUSINESS CHANGE

R. F. W. GRIMWADE, first chairman of rectors and managing director since 1937 Drug Houses of Australia Export, Ltd., -3 Norfolk Street, Strand, London, W.C.2, tired on June 12. Mr. Grimwade has een a well-known figure in the London kport trade for over half a century. He ined Grimwade, Ridley & Co., in Bishopsate in 1889, after an apprenticeship in incing Lane. He was chairman of the ustralian and New Zealand Merchants' ssociation for many years, during which me he saw a small organisation become e leading negotiating body between overnment departments, shipping comanies and trading communities. Mr. rimwade regularly attended the meetings f the Australian and New Zealand sections f the London Chamber of Commerce of hich he was chairman. In 1935 he was nvited by the late Mr. R. E. Wood to ecome first chairman of directors of Drug Houses of Australia Export, Ltd., a position e has held for eleven years. Mr. Grimwade vill retain his seat on the board of directors f the company.



Mr. J. R. Borland taking over from Mr. F. W. Grimwade at the offices of Drug Houses of Australia Export, Ltd.

MR. J. R. BORLAND, who takes over the position of managing director from Mr. Grimwade, was born in Aberdeen. Before leaving for Australia, he was a pupil at the Royal High School in Edinburgh. He completed his education in Australia and served in the Australian army during the 1914–18 war. From a business position in Melbourne, he was appointed assistant manager at the Alfred Hospital in that city. After eight years' service in that capacity, he was transferred in 1940 on loan to the Australian Government to become Deputy-director of Supply (Medical) in the Department of Supply and Shipping. He also became a member of the Medical Equipment Control Committee under the chairmanship of Sir Alan Newton. In 1945 he was offered and accepted the position of managing director of Drug Houses of Australia Export, Ltd., in London and, after visits to all the Australian states and New Zealand, he has now taken up his new appointment at the London offices.

WHITE OILS ASSOCIATION FORMED

ON May 16, at a meeting in London of United Kingdom refiners, importers and distributors of mineral white oils (pharmaceutical and technical qualities), B.P. petroleum jellies and transformer and switch oils, at which over fifty firms (comprising the very large majority of the trade) were represented, an association called "The White Oils Association" was formed.

The objects of this Association are: The formation of a trade body competent to represent the interests of all those who deal in the aforementioned products; to set up satisfactory ranges and standards of quality of the products; the promotion of orderly supply and marketing; the circulation of information concerning the latest developments in all matters affecting the products; the co-operation with Government departments, all other organisations and trade associations which are in any way connected with or affected by the production, distribution and consumption of the products.

The formation of this Association is the result of negotiations spread over some months between the various interests concerned in the trade and is the outcome of the generally expressed desire of the trade for a central organisation. The affairs of the Association are managed by a general council, comprising nine firms, representative of all sections of the trade. The constitution and rules have a democratic outlook and provision is made for the formation of committees to be elected by the members concerned for dealing with any special matters of interest to the members. Membership of the Association is open to all firms, the nature of whose business is such that can classify them as refiners, importers or distributors of the products and whose applications for membership to the Council may be accepted. The first *Chairman* of the Association for the ensuing year is Mr. H. F. Smith (Purfinol, Ltd.), the *Secretaries* are Messrs. Peat, Marwick, Mitchell & Co., and the address of the Association to which other associations and firms who are not yet members of the Association should apply for particulars is 11 Ironmonger Lane, London, E.C.2.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the National Pharmaceutical Union Executive, Accounts Committee, Chemists' Defence Association, Chemists' Sickness and Provident Society, and N.P.U., Ltd., were held in London on May 27-29. Mr. H. Steinman occupied the chair.

Presentations to Staff

THE CHAIRMAN, on behalf of the Executive, paid tribute to seven members of the staff (Messrs. F. W. Branch and A. G. Clarke, and the Misses D. M. Braithwaite, H. Michaelson, K. Goldthorpe, A. M. Jay, and E. Howard) who had completed twenty-five years' service with the N.P.U. Each lady was presented with a handbag, and the two gentlemen received silver cigarette caskets, all gifts being suitably inscribed with a testimony to the faithful and loyal services rendered by the recipients to the Union since its formation.

Trade Index

Mr. Coglan, representing the Board of Trade, was received by the Executive in order to explain the Board's proposals for obtaining data on which a more informative trade index could be built up than at present. The main points made by Mr. Coglan were that the present index does not reflect the position of independent traders, since the information at present available was secured from other sections of retail distribution. The co-operation of independent retailers would result in the production of an index for the country as a whole, and regional index figures would act as yardsticks for all distributors when assessing their own trading results. Independent retailers were invited to supply a periodic return of sales and stock values. The Executive was satisfied from the information given that any information disclosed to the Board for the purposes of the Trade Index would be treated entirely in confidence. Members agreed that the Board should be assisted to secure the co-operation of a representative number of pharmacists in various parts of the country in providing periodic returns. The Executive considered the official Board of Trade index was the only trade index in the compilation of which pharmacists should assist by giving sales and stock figures.

Pharmaceutical Parliamentary Fund

THE SECRETARY reported that confirmation was required for the winding-up of the Pharmaceutical Parliamentary Fu Committee, as suggested at the previo meeting. Authority was given for t sum standing to the credit of the abo fund to be transferred to the Parliamenta Fund of the Pharmaceutical Society, a the dissolution of the Pharmaceuti Parliamentary Fund Committee was agre by members.

Standardisation of Fluid Measures

Regulations dealing with the standar of accuracy of measures at present pr scribed by the Weights and Measures Reg lations, 1907, were reported to be und revision. The British Standards Ins tution had been asked to formulate ne standards for measures. A committ comprising representatives of the Board Trade, Ministry of Health, Weights ar Measures Authorities, Pharmaceutical S ciety, N.P.U., and the British Pharm copœia Commission had been formed; drafting subcommittee had been set u Mr. J. Hearle was appointed to fill vacancy for a practising pharmacist on t committee.

Price-controlled Goods

An advice was received from the Centr Price Regulation Committee that co sideration was being given to proposals t amend the Price Controlled Goods (Invoices Order, 1943, to deal with defects that ha come to light since the order becam operative. The amendments now propose dealt with the period of availability c invoices for inspection. The Executiv agreed with the intention to strengthen th Order. It was reported that, followin negotiations with the Ministry of Supply the penicillin price structure had bee revised to allow a 33⅓ per cent. margin o vial packs. Maximum retail prices ha been agreed with the Ministry of Supply with the proviso that efforts would b made to secure that the new prices wer observed.

Central N.H.I. Committee

A report was received on a meeting o the Central N.H.I. Committee held o May 28. The following members were appointed to serve on the committee: Messrs. E. A. Brocklehurst, H. B. Coulson, B. Pugh Davies, J. E. French, J. Hearle, T. Heseltine, A. R. Melhuish, H. Steinman and W. J. Tristram, and Messrs. Sparshott and Rushton, representing the Company

emists' Association (with provision for mination of one person to represent the operative chemist contractors). Mr. R. Melhuish was appointed *Chairman*, h the unanimous support of the Comtee.

H.I. Payments

Following representations made to the nistry of Health that delays in the payent of chemists' accounts in Southern gland should be overcome, it was underood proposals were being considered by e Ministry for the clearing up of arrears. e Executive decided further to emasise to the Ministry the urgency of the atter.

es for Dispensing Penicillin

As a result of discussions with officials the Ministry of Health on the level of spensing fees for vial packs of penicillin d penicillin preparations bought ready epared, a letter had been received from e Ministry suggesting that the two items ould carry separate fees. The Comittee recommended a scale of charges odified from that suggested by the inistry for ready-made penicillin preparaons on N.H.I. prescriptions. A scale of es for extemporaneously prepared preparaons containing penicillin negotiated with e Ministry was reported and accepted. Particulars of the agreed fees have been ublished.) The amendment of terms of ervice under the N.H.I. scheme, under hich chemists may undertake to prepare enicillin injections only if licensed under e Therapeutic Substances Act, was greed.

ulphathiazole Ointment

Because of the difficulties arising from he variety of bases used for ung. sulhathiazol., the Committee recommended hat the Ministry of Health should be asked to include in the Drug Tariff a tandard formula for a base for the ointment. The report was adopted.

Publications

A report on a meeting of the Publications and Price-list Committee held on May 27 was received. Mr. G. H. M. Graham had been unanimously elected *Chairman*. The desirability of relating dispensing fees for private prescriptions to the number of doses ordered in mixtures was considered, and a revised list of fees was formulated. Full details are to be published. The report was approved.

Chemists' Defence Association

Three of the claims outstanding from the April meeting of directors of the Chemists' Defence Association were settled, as follows :—Claim arising out of use of vinegar alleged to have been contaminated, payments totalling £26 ; clothing damaged by perfume solvent, payment of £5 ; personal injuries caused by falling shutter, payment of £48. A warranty defence had been successfully pleaded on behalf of a member in proceedings under the Food and Drugs Act.

CHEMISTS' FRIENDS ASSOCIATION

A MEETING of the C.F. Council was held on June 6, the president (Mr. E. W. Godding) in the chair. A meeting of the C.F. Standards Committee had been held on the previous day. A report by the Standards Committee was received. Arising out of the report, Cadum, Ltd., London, were accepted for inclusion in the C.F. list. The schedule to the company's agreement covers all eligible pharmaceutical products including Cadum ointment. A further application from a manufacturer of a cough mixture was accepted on condition that the revised prices and terms of the product concerned are permissible under the Goods and Services (Price Control) Act, 1941.

Additions to Schedules of Agreements

The following additions to the schedules of existing C.F. agreements were approved : Bleasdale, Ltd., York (Minaret eye-lotion and Mintus) ; Optrex, Ltd., Perivale (Optrex eye-compress). The Committee recommended certain alterations to be made in the label and literature of a product which was the subject of a further application. The Council adopted the recommendations of the Committee.

Eight applications for wholesaler membership of the C.F.A. were considered. Three were refused, four deferred for further particulars to be obtained, and the application of J. H. Hayward, Ltd., Nottingham, was accepted. The resignation of Wands, Ltd., Leicester, was accepted.

Hope for Hæmophiliacs.—In a lecture to the American College of Physicians in Philadelphia, U.S.A., recently, Dr. F. H. L. Taylor described experimental work with a protein fraction of blood plasma, which he has developed and named Fraction I, which was found to lower the blood-clotting time of patients treated at the Boston clinic from as much as two hours and ten minutes to the normal clotting time of eight minutes.

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OL. CXLV JUNE 22, 1946 NO. 3463

Back-stairs Boys to Medicine-men

the Dail Eireann recently, the Parliaentary Secretary to the Ministry for Local overnment (Dr. Ward) voiced an ambitious aim that the Public Health Bill, then nder debate, would set his country " well advance of civilisation " and " heading ir to leading our neighbours in matters of ublic health administration." Should the aim become realised, the Minister may rest sured that there will be no jealousy but ly admiration from across the Irish Sea, here, in Great Britain, the promoters of a ational Health Service are doubtless stained by a similar faith.

In order to achieve his purpose, however, e Eire Minister must be quite certain at he knows what is what. It is not fficult to put one's finger on one set of oposals which, unless modified, will nder the scheme not advanced but actually trogressive. The Minister is instituting a stem of control of proprietary medicines, nd the method proposed necessitates their ing assessed and evaluated by experts. et the committee chosen to perform this nction is to be composed exclusively of medical scientists, medical practitioners nd medical consultants." Without going the picturesque lengths of Mr. N. A. P. cKane, who at the June Council meeting the Pharmaceutical Society of Ireland ee p. 788) said " These preparations are to e judged in Hell, with Lucifer as judge," e share the " grave alarm " which is being lt by pharmacists throughout Eire at the constitution of the committee. Irrespective of possibilities of prejudice, to which one Dail Deputy made reference, the Minister, in restricting membership to these three groups, is on the one hand transforming doctors into a modern equivalent of medicine-men, and on the other turning his back on an important body of knowledge. He is attributing to the doctors knowledge covering a whole field of which they have explored only part, while the very people (namely the pharmacists) whose whole training has been devoted to medicines as substances—their preparation, physical and chemical properties, their potency, compatibility and degree of toxicity, if any—are being left out.

Not only in Eire, however, and not only on this battlefront, have pharmacists once again to take up the cudgels in a cause which they had deemed already won. The Minister of Health in Great Britain, who has, in so many other ways, shown a true appreciation of the pharmacists' role in the health services of the nation, himself fails to reach understanding on one point. Pharmacists in health centres are not just " ancillary services." They have their own distinctive place in the scheme and should, like their colleagues in the independent pharmacies, (but unlike the nurses and others with whom (see *C. & D.*, June 15, p. 744) they were confusedly classed by the Minister during the debate) be under contract to the local Executive Committees instead of to the local health authorities.

Pharmacists do not seek the limelight. They are content to be " back-room boys " in the creditable sense in which the description was applied by Lord Beaverbrook to war-time research workers. Instead, it is apparently proposed that they should become " backstairs boys," neither to be seen nor heard. To see their triturated wisdom thrown to waste down the sink instead of being incorporated with the tinctured knowledge of the medical world, is a fate which the sense of mission and purpose pharmacists feel compels them to resist. Before it is too late, before frustration hardens into friction, we appeal to both Ministers to apply a smoothing pestle to these innassimilable ingredients in their respective health schemes.

A Merited Knighthood

THE award of a knighthood to Mr. Harry Jephcott, the chairman and managing director of Glaxo Laboratories, Ltd., brings recognition to a pharmacist whose achievements can justly be claimed to have added lustre to British industry as a whole as well as to the craft of his adoption. Taking up a post as chemist with a concern manufacturing milk products at a time when such appointments were rare, he has had an important share in many advances in food and pharmaceutical manufacture, culminating in the opening recently of one of the only two deep-culture penicillin plants in this country. Sir Harry has done much to enhance the status of science in industry, and has lived to see policies for which he crusaded in the face of scepticism and not always disinterested opposition ultimately adopted as universal practice. An example is the addition of vitamin D to all manufactured baby foods. Sir Harry's honour is awarded specifically for his work as Manufactured Foods Adviser to the Ministry of Food during a period of three years within which, of course, his services were lost to industry. That he was by no means idle as a Civil Servant is perhaps best evidenced by the revolutionary innovation of food standards—on the lines of the well-established standards for drugs—that has occurred largely through his efforts. Admittedly the Food Labelling Order takes but a short step along this road, but the step is in the nature of crossing a Rubicon. The principle once accepted, there can be no going back, but only an unforeseeable advance. So long as such dynamic figures as Sir Harry Jephcott continue to emerge from the pharmacy schools, the prestige of the profession is secure, whether or not they all secure public recognition in the Nation's Honours lists. We feel sure the new Knight will permit us to see in the award an honour for all pharmacists as well as a seal upon his own great services as an individual.

ULSTER CHEMISTS' ASSOCIATION

THE monthly meeting of the executive committee of the Ulster Chemists' Association was held in Belfast on June 4, the president (Mr. T. A. Gibson) in the chair. Arising out of the minutes THE SECRETARY reported that he had forwarded to the Pharmaceutical Society members' request that copies of the register should be distributed to members. The decision of the Council of the Society had been that this could not be done in law, but that copies of the new Act and the Regulations would be sent out, was conveyed to the meeting.

Restrictions on Window Displays

THE SECRETARY (Mr. J. McClenahan) next said he had advised members by notice in the price-slip that they were not at liberty to give window displays contrary to the provisions of the Chemists' Friends Association, and that bonus offers conditional on such displays being made could not be accepted.

A draft of a circular concerning the late rota in Belfast under the new Shops Act, together with a proposal for earlier closing, was submitted, and the secretary was instructed to send these to each Belfast member.

THE SECRETARY reported that two meetings of the Joint Council of the Association had been held to consider questions concerning apprentices arising out of the Pharmaceutical Society's new regulations. The following scale of wages was recommended by the Joint Council for apprentices indentured after June 1, 1946: First year, £18; second, £24; third, £36; fourth, £42; wages to be payable monthly in arrears; whether premium is to be taken is left at the discretion of individual employers. It was also recommended that apprentices registered before June 1 should continue to be paid at the rates set out in the National Tribunal Award No. 269, provided that employers would pay *pro rata* only for time actually worked by apprentices during the final year of apprenticeship. The meeting approved the recommendations, and decided that, in the event of their acceptance by the executive committee of the Associates' Section, the secretary should forward copies to the Ministry of Labour asking for approval of the amendments of the award, and explaining the circumstances that had made the alterations necessary. The secretary was directed by the Joint Council to write to the Pharmaceutical Society asking for rulings on various questions concerning apprenticeship.

When dissatisfaction at delays in payments for National Health Insurance prescriptions was reported, THE SECRETARY said he had written to the Ministry of Health for an explanation, but had not received a reply. It was decided to send another letter.

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS

Mr. JOHN MOORE, Ph.C.
Joint Honorary Secretary, Guild of Public Pharmacists

No. 18. Specially drawn from life for The Chemist and Druggist

PHARMACEUTICAL SOCIETY OF IRELAND

Mr. P. A. Brady (vice-president) and subsequently Mr. J. K. Whelehan (president) occupied the chair at the monthly meeting of the Council of the Pharmaceutical Society of Ireland held in Dublin on June 11. Other members of the Council present were Messrs. J. Gleeson, F. X. Meagher, T. C. Scott, M. Costelloe, H. P. Corrigan, G. C. O'Neill, M. Power, T. B. O'Sullivan, J. A. O'Rourke, C. J. Cremen, and N. A. McKane.

Correspondence

The Pharmaceutical Society of Victoria wrote forwarding a copy of the Society's year-book. The British Pharmacopœia Commission wrote forwarding data on recent additions and alterations in the B.P., including the standards adopted for penicillin. Mr. Charles A. Gillespie, one of the Society's oldest qualified assistants, wrote from the United States forwarding some American pharmaceutical publications for the information of the Council.

Registration and Membership

The following who submitted certificates were granted Preliminary registration: G. J. O'Neill, D. F. Noonan, Bridget M. McCourt, Julia Joy, Kathleen R. Nealon, P. G. McLaughlin, D. J. McCarthy, Joan M. McNulty, Bridget Barry, P. M. Kennelly, Brigid Murphy, Josephine Cunningham, and Julia Sheehan.

The following changes of address were notified:—Mr. J. J. Dawson, M.P.S.I., to 16 Clare View Terrace, Farranshine, Limerick; Mr. E. P. Kenny, M.P.S.I., to Carrig Verdon, Sydney Park, Cork; Mr. G. B. Busby ,L.P.S.I., to 155 University Street, Ormeau Road, Belfast; Miss K. E. Chambers, L.P.S.I., to 2 Islandview, Howth, co. Dublin; Mr. E. J. Fallon, L.P.S.I., to 388 Clontarf Road, Dublin; Mr. V. G. L. Fielden, L.P.S.I., to 1 Cleaver Park, Malone Road, Belfast; Mr. R. W. Hall, L.P.S.I., to Ivy Cottage, Portstewart Road, Coleraine, Derry; Mr. J. H. Haslett, L.P.S.I., to 79 Sandy Row, Belfast; Mr. J. Kilpatrick, L.P.S.I., to 4 Randal Park, Portrush, co. Antrim; Mrs. K. M. McElhill, L.P.S.I., to 12 St. James' Park, Belfast; Mr. J. H. Moffatt, L.P.S.I., to 1 Deramore Street, Ballynafeigh, Belfast; Mrs. A. L. Montague, L.P.S.I., to 40 Cyprus Gardens, Belfast; Mrs. C. Hepburne-Scott, L.P.S.I., to The Gatehouse, St. Mary's Abbey, West Malling, Kent; Mr. W. J. Stevenson, L.P.S.I., to The Haven, Marino, Hollywood, co. Down.

The Registrar (Mr. J. J. Kerr) reported on the deaths of the following Licentiates: Messrs. W. C. Hinchy, J. Beatty, S. Fleming, P. J. Rice, and J. McKnight, R.D.

The Licence certificates of the following were signed and sealed:—Irene C. Connolly, Thomas Foley, Josephine Lawn, and Kathleen M. Hawkes. The following were elected members of the Society: Misses E. C. Burke and I. Naughton; Messrs A. Corless, J. F. Cosgrove, H. P. Crossin, J. Cuddy, and T. M. Moran. Nominations for membership were made in respect of Messrs. J. N. Coleman, c/o 7 Pembroke Street, Cork; and M. Hayes, 16 Erriga Road, Drimnagh, Dublin.

Committees' Reports

The report of the House Committee, which was adopted, stated that grants had been made of £5 to the Students' Representative Council and £25 to the chemists' camogie club to cover the next five years. The reports of the Law, Schools, and Election subcommittees were also submitted and approved.

On the motion of the Vice-president, seconded by Mr. Gleeson, Dr. John Keane, of University College, Dublin, was elected examiner in chemistry and Dr. J. J. McHenry, University College, Cork, examiner in physics to the pre-registration examination for 1946.

Omission of Pharmacists from a Committee

When "questions" was reached on the agenda, Mr. McKane drew attention to a report in the trade Press of a speech delivered in the Dail by Dr. Ward (Parliamentary Secretary to the Minister for Local Government and Public Health) on the Public Health Bill. He was convinced that the Government would pursue a policy similar to that outlined in Dr. Ward's speech. In the course of it the Parliamentary Secretary had mentioned that an Advisory Council was to be appointed to advise the Minister as to the particular "patent" and proprietary medicines which he might restrict or control. Dr. Ward had then gone on to describe the composition of this advisory body. It was to be comprised of "medical scientists, medical practitioners, and medical consultants having the most intimate knowledge of the use and effects of such preparations." The Council would note that the word pharmacist did not occur in the list. He did not know if this omission on the

art of the Parliamentary Secretary was deliberate, or was due to an oversight but, either case, it had given rise to grave squiet amongst pharmacists throughout e country. "Far from feeling the surance to which our colleague Deputy oughman referred," said Mr. McKane, and with which we are told the deputa-on which visited the Parliamentary ecretary was filled, those with whom I ave discussed the speech are gravely armed. I crave your indulgence, Mr. resident, to quote from another speech the same debate, the speech of the armers' Deputy, Mr. Cogan. Mr. Cogan id 'I think I discern from listening to the arliamentary Secretary that there is a rong prejudice on the part of the medical ofession against all outside medical eparations which are advertised.' So, r. President, these medical scientists, actitioners, and consultants, who are id to be best qualified to judge the merits otherwise of these preparations, may proach the matter with, shall we say, a ightly prejudiced outlook, if we are to ke Mr. Cogan's speech seriously. In her words, gentlemen, these preparations e going to be judged in a court held in ell, with Lucifer as judge. After all, r. President, we are members of the ofession that is going to be most affected the findings of this Advisory Council, t it appears that we are not to be repre-nted upon it. I think you will agree at such a body, without representation om the pharmaceutical profession, would an outrageous scandal. I trust that oper pressure will be brought to see that e get representation, and not only the ociety, but the Irish Drug Association nd the Compounders' Association. I n't want the idea to get abroad that we e against control of these things. I am t saying there should not be control. y point is that if there is to be control these preparations that it will be control ercised in the interests of the public, and t of a prejudiced profession."

inister's Verbal Undertaking

THE PRESIDENT said he must congratu-te Mr. McKane on the views he had pressed, because they all felt the same ay. When the deputation was received the Parliamentary Secretary he did y he was prepared to consult with phar-aceutical interests before taking action ith regard to restricting certain "patents" nd proprietaries, although he had not entioned that in his speech in the Dail. Dr. Ward pointed out to the deputation that it was not his intention to restrict the sale of "patent" medicines as they were generally known, but only certain types of "patent" medicines that might be introduced into the country. He agreed that the Parliamentary Secretary had taken very wide powers, and they had to take his word as to how they would be used. Amendments to these sections had been prepared by the Society and the I.D.A., but they had decided it would not be politic to proceed with them. After seeing Dr. Ward, the deputation had come out satisfied that he was not going to interfere in a big way with the proprietary medicine business. The Minister's idea was to hit at the contraceptive business; he had given that as his main reason for seeking these wide powers.

MR. MCKANE: We should defend ourselves very vigorously against this encroachment. I would like again to refer to Deputy Cogan's speech where he says: "There was no doubt whatever but that a large proportion of such preparations were of questionable value. It was possible, however, that amongst such preparations there might be remedies of considerable value, or perhaps of as great value as the prescriptions recommended by the medical profession. He agreed it was a good thing that there should be some protection against fraudulent and deceptive remedies being foisted on the people." In view of that I feel that, if this body is going to dictate what we are to sell, or not to sell, there should be representation of this profession upon it. I propose that representations be made again in the near future.

MR. COSTELLOE said the deputation had gone with an amendment already prepared, asking that pharmacists should be represented on the Advisory Council, but the most they could get from Dr. Ward was an assurance that, before any regulation or order was made affecting them, they would be consulted. Should they be overlooked, by any mistake, they would have liberty to come and ask to be seen by him. He believed the permanent officials would look at the matter in the same way. Dr. Ward in the two-hours' interview they had had with him mentioned that in all legislation of this kind they must have an omnibus clause, and far-reaching powers which might never be used, but the powers must be there.

THE PRESIDENT: The Minister may not act on the advice of this Advisory Council.

If they advise that the sale of certain "patent" medicines be restricted, then the Minister may consult us.

MR. MCKANE: If he gave us fair play and justice I would be satisfied, but I am very doubtful. I am gravely alarmed.

THE PRESIDENT: I don't feel very happy about it myself. We have the Minister's assurance and can only rely on his word and goodwill.

MR. CREMEN said he did not go all the way with Mr. McKane, but there was something in his remarks. The Society had given valuable service to the community and he thought that the Government must appreciate the fact. Reading the debate, he had thought Major de Valera had put up a good case for them, and defended pharmacy very well.

A Service to the Profession

MR. MEAGHER congratulated Mr. McKane on the service he had done to the Council and the profession generally in bringing the matter up. Pharmacists were a profession that had rendered signal service to the State and at a remuneration lower than any other profession in the world. They could not carry on at their present professional remuneration and consequently, in addition to being professional men, they had to be the vendors of "patent" medicines. If they were deprived of that business, they would not be able to carry on, and the State would be deprived of the services of a valuable profession. The Department, perhaps, had the narrow but prevalent point of view that chemists were plutocrats who were making fat profits from "patent" medicines. One part of the Bill mentioned in the report dealt with powers to prohibit the manufacture, import, sale or distribution of certain articles regarded as injurious to health, and included such things as contraceptives and tampons. If the chemist were to lose the sale of such things it would be no loss. The other important section was that dealing with the sale of "patent" medicines. It was obvious that chemists throughout the country did not appreciate what had been done in the matter. He would like it to go out from there that the Society and the I.D.A., working together, had done everything possible by way of having amendments drafted to protect the interests of the chemist. They had put forward a definite amendment that no regulation should be made that would interfere with the manufacture and sale of a proprietary medicine by the chemist for sale in his own shop. They asked to have such proprietary me cines excluded altogether. They also forward a suggestion for the establishm of an Advisory Council of pharmacists o All these had been turned down. agreed with Mr. Costelloe that the depu tion had done everything possible influence the Department. That t were unsuccessful had not been memb fault. The Department was wrong. Ph macists had every right to be consult and Mr. McKane had done a proper th in bringing the matter up.

MR. MCKANE said he did not sugg that the deputation had not done all could, but he felt that pharmacists a profession had received outrageous tre ment, and this should be made public.

MR. O'NEILL said that, while he agr that Mr. McKane deserved credit bringing the matter forward, he thoug from the remarks of the president and Costelloe, that they should go slowly, not take any action yet.

THE VICE-PRESIDENT recalled that, a the interview with the Parliament Secretary, he had suggested sending literature, or a statement to the Pr informing members in the country of w had been done. If his memory served right the Parliamentary Secretary had s he was not going to form the Advis Council until the necessity arose. At t point Dr. Ward had given them an ass ance that he would take no action in reg to "patent" medicines without consult the Pharmaceutical Society and the tr body. The impression he had given that he would be very slow to take act without consulting them.

THE PRESIDENT pointed out that official minute had been made of interview.

THE VICE-PRESIDENT thought it was too late to circulate amongst their memb an account of what had happened w the deputation was received by the Par mentary Secretary.

It was finally agreed that the presid would prepare for circulation a summ of what had transpired when the deputat was received.

Beginning of Social Medicine.—The fou ing of a dispensary—the first of its kin the world—by the Royal Victorian Hosp Trust in Bank Street, Edinburgh, in 18 marked the beginning of social medicine it was known today, said Lord Prov John Falconer at the Trust's annual meet recently.

NORTHERN IRELAND POISONS REGULATIONS

(*Concluded from* THE CHEMIST AND DRUGGIST, *June* 15, *p.* 756)

1. [Provides for colouring of poisons used lusively in agriculture or horticulture for destruction of insects, fungi, or bacteria, as sheep dips or weed-killers, except lead enate paste or powder; poisons already of a tinctive colour; or articles to be exported purchasers outside the United Kingdom.]

2. (1) A certificate . . . certifying a person be a person to whom a poison may properly sold, shall be in the form, and shall contain particulars set out in the Eleventh Schedule these Regulations.

2) All householders are hereby authorised to e such certificates as aforesaid [a house-der not known to seller must be endorsed a police officer].

3) . . . The certificate shall be retained by seller.

3. The particulars of sales of poisons which required . . . to be entered in a book shall entered in the form set out in the Twelfth edule to these Regulations.

4. [Books to be preserved for two years m date of last entry.]

5. [Definitions.]

6. (1) These Regulations may be cited as Poisons Regulations (Northern Ireland), 46, and shall come into operation on the day of June, 1946.

2) Until December 1, 1946, the requirements these Regulations as respects the labelling poisons and the containers in which poisons y be sold, supplied, stored or transported, as case may be, shall be deemed to be complied h if the corresponding provisions (if any) of enactments mentioned in the Fourth edule to the Act are complied with.

st Schedule

Substances falling within the Poisons Schedule which special restrictions apply :—

Alkaloids, the following: their salts, simple complex :—

Acetyldihydrocodeinone.

Aconite, alkaloids of, except substances containing less than 0.02 per cent. of the alkaloids of aconite.

Apomorphine except substances containing less than 0.2 per cent. of apomorphine.

Atropine except substances containing less than 0.15 per cent. of atropine.

Belladonna, alkaloids of, except substances containing less than 0.15 per cent. of the alkaloids of belladonna calculated as hyoscyamine.

Benzoylmorphine.

Benzylmorphine.

Brucine except substances containing less than 0.2 per cent. of brucine.

Calabar bean, alkaloids of.

Coca, alkaloids of, except substances containing less than 0.1 per cent. of the alkaloids of coca.

Cocaine except substances containing less than 0.1 per cent. of cocaine.

Codeine except substances containing less than 1 per cent. of codeine.

Colchicine except substances containing less than 0.5 per cent. of colchicine.

Coniine except substances containing less than 0.1 per cent. of coniine.

Cotarnine except substances containing less than 0.2 per cent. of cotarnine.

Curare, alkaloids of.

Diacetylmorphine.

Dihydrocodeinone.

Dihydrohydroxycodeinone.

Dihydromorphine.

Dihydromorphinone.

Ecgonine except substances containing less than 0.1 per cent. of ecgonine.

Emetine except substances containing less than 1 per cent. of emetine.

Ergot, alkaloids of.

Ethylmorphine except substances containing less than 0.2 per cent. of ethylmorphine.

Gelsemium, alkaloids of, except substances containing less than 0.1 per cent. of the alkaloids of gelsemium.

Homatropine except substances containing less than 0.15 per cent. of homatropine.

Hyoscine except substances containing less than 0.15 per cent. of hyoscine.

Hyoscyamine except substances containing less than 0.15 per cent. of hyoscyamine.

Jaborandi, alkaloids of, except substances containing less than 0.5 per cent. of the alkaloids of jaborandi.

Lobelia, alkaloids of, except substances containing less than 0.5 per cent. of the alkaloids of lobelia.

Morphine except substances containing less than 0.2 per cent. of morphine calculated as anhydrous morphine.

Nicotine.

Papaverine except substances containing less than 1 per cent. of papaverine.

Pomegranate, alkaloids of, except substances containing less than 0.5 per cent. of the alkaloids of pomegranate.

Quebracho, alkaloids of.

Sabadilla, alkaloids of, except substances containing less than 1 per cent. of the alkaloids of sabadilla.

Solanaceous alkaloids, not otherwise included in this Schedule, except substances containing less than 0.15 per cent. of solanaceous alkaloids calculated as hyoscyamine.

Stavesacre, alkaloids of, except substances containing less than 0.2 per cent. of the alkaloids of stavesacre.

Strychnine except substances containing less than 0.2 per cent. of strychnine.

Thebaine except substances containing less than 1 per cent. of thebaine.

Veratrum, alkaloids of, except substances containing less than 1 per cent. of the alkaloids of veratrum.

Yohimba, alkaloids of.

Allylisopropylacetylurea.

Amidopyrine; its salts.

Amino-alcohols, esterified with benzoic acid,

phenylacetic acid, phenylpropionic acid, cinnamic acid or the derivatives of these acids, except in substances containing less than ten per cent. of esterified amino-alcohol.

Antimonial poisons except substances containing less than the equivalent of one per cent. of antimony trioxide.

Apiol and oil of parsley.

Arsenical poisons except substances containing less than the equivalent of 0.01 per cent. of arsenic trioxide and except dentrifices containing less than 0.5 per cent. of acetarsol.

Barbituric acid; its salts; derivatives of barbituric acid; their salts; compounds of barbituric acid, its salts, its derivatives, their salts, with any other substance.

Barium, salts of

Beta-aminopropylbenzene; its salts; its N-alkyl derivatives; their salts; beta-amino-*iso*propylbenzene; its salts; its N-alkyl derivatives; their salts.

Cannabis; the resin of cannabis; extracts of cannabis; tinctures of cannabis; cannabin tannate.

Cantharidin except substances containing less than 0.01 per cent. of cantharidin.

Cantharidates except substances containing less than the equivalent of 0.01 per cent. of cantharidin.

Digitalis, glycosides and other active principles of, except substances containing less than one unit of activity (as defined in the British Pharmacopœia) in two grammes of the substance.

Dinitrocresols; dinitronaphthols; dinitrophenols; dinitrothymols.

Ergot; extracts of ergot; tinctures of ergot.

Guanidines, the following:—polymethylene, diguanidines, dipara-anisylphenetyl guanidine.

Hydrocyanic acid except substances containing less than 0.15 per cent. weight in weight, of hydrocyanic acid (HCN); cyanides except substances containing less than the equivalent of 0.1 per cent., weight in weight, of hydrocyanic acid (HCN); double cyanides of mercury and zinc.

Lead, compounds of, with acids from fixed oils.

Mercuric chloride except substances containing less than one per cent. of mercuric chloride; mercuric iodide except substances containing less than two per cent. of mercuric iodide; nitrates of mercury except substances containing less than the equivalent of three per cent., weight in weight, of mercury (Hg); potassio-mercuric iodides except substances containing less than the equivalent of one per cent. of mercuric iodide; organic compounds of mercury except substances containing less than the equivalent of 0.2 per cent., weight in weight, of mercury (Hg).

Metanitrophenol; orthonitrophenol; paranitrophenol.

Nux vomica except substances containing less than 0.2 per cent. of strychnine.

Opium except substances containing less than 0.2 per cent. of morphine calculated as anhydrous morphine.

Ouabain.

Oxycinchoninic acid, derivatives of; their salts; their esters.

Para-aminobenzenesulphonamide; its salts derivatives of para-aminobenzenesulphonamide having any of the hydrogen atoms of the para-amino group or of the sulphonamide group substituted by another radical; their salts.

Pennyroyal and its oil.

Pethidine.

Phenetidylphenacetin.

Phenylcinchoninic acid; salicyl-cinchoninic acid; their salts; their esters.

Phenylethylhydantoin; its salts; its acyl derivatives; their salts; diphenylhydantoin; its salts; its acyl derivatives; their salts.

Pictrotoxin.

Savin, oil of

Strophanthius, glycosides of.

Sulphonal; alkyl sulphonal.

Thallium, salts of.

2-Thiouracil.

Thiourea; its salts.

Tribromethyl alcohol.

Second Schedule

Poisons exempted by Regulation 3 (2) from labelling provisions when sold or supplied in certain circumstances: Alkali fluorides; ammonia; antimony, chlorides of; oxides of antimony; sulphides of antimony; antimonates; antimonites; chloroform; dinitrocresols; dinitronaphthols; dinitrophenols; formaldehyde; glyceryl trinitrate; hydrochloric acid; hydrofluoric acid; sodium silicofluoride; lead acetates; compounds of lead with acids from fixed oils; mercuric chloride; mercuric iodide; organic compounds of mercury; mercury, oxides of; nitrates of mercury; metanitrophenol orthonitrophenol; paranitrophenol; nitric acid; nitrobenzene; oxalic acid; metallic oxalates; phenols; compounds of phenol with a metal; phosphorus, yellow; picric acid; potassium hydroxide; sodium hydroxide; sulphuric acid.

Third Schedule

Articles exempted by Regulation 9 from the provisions of the Act and of these Regulations.

GROUP I.—*General Exemptions.*—Adhesives; anti-fouling compositions; builders' materials; ceramics; distempers; electrical valves; enamels; explosives; fillers; fire-works; glazes; glue; inks; lacquer solvents; loading materials; matches; motor fuels and lubricants; paints other than pharmaceutical paints; photographic paper; pigments; plastics; propellants; rubber; varnishes.

GROUP II.—*Special Exemptions.* See table on next page.

Fourth Schedule

Substances required by Regulation 10 to be sold by retail only upon a prescription given by a duly qualified practicitioner, registered dentist, or registered veterinary surgeon, or on the order of a certified midwife or on an order issued by the Ministry of Agriculture, in accordance with the directions laid down in this Schedule.

GROUP A.—The following substances and their preparations to be sold only on the prescription of a duly qualified medical practitioner and registered veterinary surgeon:—

Special Exemptions.	*Substance or article in which exempted.*
cetanilide; alkyl acetanilides	Substances not being preparations for the treatment of human ailments.
lkaloids	
Emetine	Ipecacuanha; extracts and tinctures of ipecacuanha; substances containing less than 0.05 per cent. of emetine.
Nicotine	Tobacco.
Pomegranate, alkaloids of	Pomegranate bark.
Stavesacre, alkaloids of	Soaps; ointments; lotions for external use.
mmonia	Substances not being solutions of ammonia; substances containing less than five per cent., weight in weight of ammonia (NH); refrigerators; smelling bottles.
ntimony, chlorides of	Polishes.
rsenical poisons	Pyrites ores or sulphuric acid containing arsenical poisons as natural impurities.
arium, salts of	Witherite other than finely ground witherite.
eta-aminopropylbenzene; its salts; its N-alkyl derivatives; their salts; beta-amino*iso*propylbenzene; its salts; its N-alkyl derivatives; their salts	Appliances for inhalation in which the poison is absorbed in inert solid material.
hloroform	Substances containing less than ten per cent. of chloroform.
reosote obtained from wood	Substances containing less than fifty per cent. of cresote obtained from wood.
initrocresols	Substances not being preparations for human ailments.
initrophenols	Substances not being preparations for human ailments.
ormaldehyde	Substances containing less than five per cent., weight in weight, of formaldehyde (H.CHO); photographic glazing or hardening solutions.
ydrochloric acid	Substances containing less than nine per cent., weight in weight, of hydrochloric acid (HCL).
ead acetate	Substances containing less than four per cent. of lead acetate.
ead, compounds of	Machine-spread plasters.
ercuric chloride	Batteries.
itric acid	Substances containing less than nine per cent., weight in weight, of nitric acid (HNO).
itrobenzene	Substances containing less than 0.1 per cent. of nitrobenzene; soaps less than one per cent. of nitrobenzene; polishes.
rganic compounds of mercury	Dressings on seeds or bulbs.
xalic acid; metallic oxalates	Laundry blue; polishes.
henols	Caryacrol; creosote obtained from coal tar; disinfectants containing 3.0 per cent. or less of phenols; essential oils in which phenols occur naturally; medicines containing less than one per cent. of phenols; nasal sprays, mouth washes, pastilles, lozenges, capsules, pessaries, ointments, or suppositories containing less than 2.5 per cent. of phenols; smelling bottles; soaps for washing; solid substances, other than pastilles, lozenges, capsules; pessaries, ointments and suppositories, containing less than sixty per cent. of phenols; tar (coal or wood), crude or refined; tertiary butyl-cresol; thymol.
henylene diamines; toluene diamines; other alkylated-benzene diamenes; their salts	Substances other than preparations for the dyeing of hair.
icric acid	Substances containing less than five per cent. of picric acid.
otassium hydroxide	Substances containing less than twelve per cent. of potassium hydroxide; accumulators; batteries.
odium ethyl mercurithiosalicylate	Therapeutic substances containing less than 0.1 per cent. of sodium mercurithiosalicylate as a preservative.
odium fluoride	Substances containing less than three per cent. of sodium fluoride as a preservative.
odium hydroxide	Substances containing less than twelve per cent. of sodium hydroxide.
odium silicofluoride	Substances containing less than three per cent. of sodium silicofluoride as a preservative.
ulphuric acid	Substances containing less than nine per cent., weight in weight, of sulphuric acid (H_2SO_4); accumulators; batteries; fire-extinguishers.

Amidopyrine; its salts; apiol and oil of parsley; barbituric acid; its salts; derivatives of barbituric acid; their salts; compounds of barbituric acid, its salts, its derivatives, their salts; with any other substance; beta-amino-propylbenzene; its salts; its N-alkyl derivatives; their salts; beta-amino*iso*propylbenzene; its salts; its N-alkyl derivatives; their salts; dinitrocresols; dinitronaphthols; dinitrophenols; dinitrothymols; ergot, alkaloids of; ergot; extracts of ergot; tinctures of ergot; and all substances containing the active principles of ergot; lead, compounds of, with acids from fixed oils; œstrogenic substances natural and artificial; para-aminobenzenesulphonamide; its salts; derivatives of para-aminobenzenesulphonamide having any of the hydrogen atoms of the para-amino group or of the sulphonamide group substituted by another radical; their salts; pennyroyal and its oil; pethidine; phenylcinchoninic acid; salicyl-cinchoninic acid; their salts; their esters; savin and its oil; sulphonal; alkyl sulphonals; 2-thiouracil; thiourea; thyroid gland, the active principles of; their salts.

Group B.—The following substances and their preparations to be sold only on the prescription of a duly qualified medical practitioner, a registered dentist and a registered veterinary surgeon:—Barbituric acid; its salts; derivatives of barbituric acid; their salts; compounds of barbituric acid, its salts, its derivatives, their salts, with any other substance; para-aminobenzenesulphonamide; its salts; derivatives of para-aminobenzenesulphonamide having any of the hydrogen atoms of the para-amino gro or of the sulphonamide group substituted another radical; their salts.

Group C.—The following substances a their preparations to be sold only on the prescr tion of a duly qualified medical practitioner a registered veterinary surgeon and on the or of a certified midwife:—Ergot, alkaloids ergot; extracts of ergot; tinctures of ergot a all substances containing the active princip of ergot.

Group D.—The following substances a their preparations to be sold only on t prescription of a duly qualified medical prac tioner, a registered dentist, or a register veterinary surgeon; or on an order issued the Ministry of Agriculture as prescribed in t Thirteeth Schedule of these Regulations: Para-aminobenzenesulphonamide; its sal derivatives of para-aminobenzenesulphonami having any of the hydrogen atoms of the par amino group or of the sulphonamide gro substituted by another radical; their salts.

Fifth Schedule

Colouring of Arsenic.—Substances which Regulation 31 applies:—Arsenate arsenites; copper acetoarsenites; halides arsenic; organic compounds of arseni oxides of arsenic; sodium thioarsenate sulphides of arsenic.

Sixth Schedule

Statement of particulars as to proportion the poison in certain cases permitted Regulation 14 (2).

Name of poison.	*Particulars.*
Alkaloids Aconite, alkaloids of	The proportion of any one alkaloid of aconite that the prepar tion would be calculated to contain on the assumption th all the alkaloids of aconite in the preparation were th alkaloid.
Alkaloids of belladonna; calabar bean; coca; ephedra; ergot; gelsemium; jaborandi; lobelia; pomegranate; quebracho (other than the alkaloids of red quebracho); sabadilla; solanaceous (not otherwise included in the Poisons Schedule); staves-acre; veratrum; yohimba	The same as above, with the substitution for the reference t aconite of a reference to belladonna, calabar bean or suc other of the said poisons as the case may require.
Antimonial poisons	The proportion of antimony trioxide (Sb_2O_3) or antimon pentoxide (Sb_2O_5) that the preparation would be calculate to contain on the assumption that the antimony (Sb) in th poison had been wholly converted into antimony trioxide c antimony pentoxide as the case may be.
Arsenical poisons	The proportion of arsenic trioxide (As_2O_3) or arsenic pentoxid (As_2O_5) that the preparation would be calculated to contai on the assumption that the arsenic (As) in the poison had bee wholly converted into arsenic trioxide or arsenic pentoxid as the case may be.
Barium, salts of	The proportion of one particular barium salt which the pre paration would be calculated to contain on the assumptio that the barium (Ba) in the poison had been wholly converte into that salt.
Digitalis, glycosides of; other active principles of digitalis	The number of units of activity as defined in the British Pharma copœia contained in a specified quantity of the preparation

Name of poison.	*Particulars.*
rocyanic acid; cyanides; uble cyanides of mercury d zinc	The proportion of hydrocyanic acid (HCN) that the preparation would be calculated to contain on the assumption that the cyanides in the poison had been wholly converted into hydrocyanic acid.
lin	The number of units of activity as defined in the British Pharmacopœia contained in a specified quantity of the preparation.
l, compounds of with acids m fixed oils	The proportion of lead oxide (PbO) that the preparation would be calculated to contain on the assumption that the lead in the poison had been wholly converted into lead oxide.
ury, organic compounds of	The proportion of organically-combined mercury (Hg) contained in the preparation.
vomica	The proportion of strychnine contained in the preparation.
m	The proportion of morphine contained in the preparation.
ols	The proportion of phenols (added together) contained in the preparation.
pounds of phenol with a etal	The proportion of phenols (added together) that the preparation would be calculated to contain on the assumption that the compounds of phenols with a metal had been wholly converted into the corresponding phenols.
itary gland, the active inciples of	Either— (*a*) the number of units of activity as defined in the British Pharmacopœia contained in a specified quantity of the preparation; or (*b*) the proportion of pituitary gland, or of anterior or of posterior lobe of the gland, as the case may be, contained in the preparation; or (*c*) the amount of pituitary gland, or of anterior or of posterior lobe of the gland, as the case may be, from which a specified quantity of the preparation was obtained, together with an indication whether the amount relates to fresh or to dried gland substance.
ssium hydroxide	The proportion of potassium monoxide (K_2O) which the preparation would be calculated to contain on the assumption that the potassium hydroxide in the preparation had been wholly converted into potassium monoxide.
um hydroxide	The proportion of sodium monoxide (Na_2O) which the preparation would be calculated to contain on the assumption that the sodium hydroxide in the preparation had been wholly converted into sodium monoxide.
phanthus, glycosides of	The amount of Standard Tincture of Strophanthus as defined in the British Pharmacopœia which possesses the same activity as a specified quantity of the preparation when assayed by the method described in the said Pharmacopœia.
rarenal gland, the active inciples of; their salts	Either— (*a*) the proportion of suprarenal gland or of the cortex or of the medulla of the gland, as the case may be, contained in the preparation; or (*b*) the amount of suprarenal gland, or of the cortex or of the medulla of the gland, as the case may be, from which a specified quantity of the preparation was obtained, together with an indication whether the amount relates to fresh or to dried gland substance.
roid gland, the active princi-les of; their salts	Either— (*a*) The proportion of thyroid gland contained in the preparation; or (*b*) The amount of thyroid gland from which a specified quantity of the preparation was obtained together with an indication whether the amount relates to fresh or to dried gland.

maining Schedules

he remaining schedules to the Regulations e the following contents:— SCHEDULE 7: ication of character prescribed by Regula-n 15 for the purposes of section 27 (1) (*d*) (*iii*) he Act.

SCHEDULES 8-11: Poisons to which Regulation 21 (Transport) applies; details of forms of application, certificates, etc; form of authority issued by a County Agricultural Executive Officer for the purchase of strychnine in pursuance of paragraph 1 (*c*) of Regulation 30.

OVERSEAS TRADE NEWS

Higher U.S. Shellac Prices.—An increase in the U.S. maximum prices of shellac is reported to be under consideration by the Office of Price Administration.

Import Licences in Iraq.—Import licences are not required to cover imports into Iraq from the United Kingdom of sulphonated castor oil, pharmaceutical grades of glucose, or citric acid.

Australian Drug Imports.—The value of drugs and chemicals imported into Australia during February 1946 was £547,000, compared with £379,000 in the corresponding month of the previous year.

British Goodwill Trade Mission to China.—The British Government is to send to China a goodwill trade mission composed of representatives of British industry. The matter has been discussed with the Chinese Government.

New U.S. Rotenone Prices.—The U.S. Office of Price Administration has increased importers' maximum prices on rotenone-bearing powder by 4 cents per lb., and on rotenone-bearing roots by 3 cents per lb. The new prices will be 39 cents and 28 cents per lb., respectively, landed at New York.

Argentine Linseed Production.—An increase of 20 per cent. in the acreage to be placed under linseed cultivation in the Argentine this year compared with the 1945–46 crop is forecast by trade circles. The latest official estimate of this latter crop was placed at 964,100 tons.

Ludwigshafen Factory to be Repaired.—The British News Service in Germany reports that Soviet and American military authorities have released 5 million marks each from the impounded assets of the former I.G. Farbenindustrie towards upkeep and repair of the I.G. Farben works in Ludwigshafen (French zone).

U.S. Philippine Copra Imports.—The importing of Philippine copra into the United States will be returned to private channels on July 1, the U.S. Department of Agriculture announces. It is thought likely that the Philippine Government will shortly set up an export control which will work in line with the United States import licences.

Penicillin Factory Wanted.—Efforts are being made in South Africa to urge Government action for a £1,000,000 factory for the manufacture of penicillin and streptomycin. The Natal Anti-Tuberculosis Association has launched a campaign to secure the co-operation of the public and Members c Parliament in stressing the urgent need fo such a factory in order to make South Afric independent. The raw materials for makin penicillin and streptomycin exist in abun dant supply in the Union, it is pointed out

British Surgical Instruments for Canada.—Small quantities of British and Swedisl surgical instruments have started to arriv in Canada, the first for nearly seven years During the war Canada's requirements wer met largely by the United States which ex panded its manufacturing facilities to suppl fields filled in pre-war days by Britain Sweden and Germany. Adequate supplie of instruments used in basic surgery ar reported available in Canada, but there ar few available for specialist surgery, suc as eye, nose and throat. "Many of th designs for European manufacture cam from this continent," said a Canadia manufacturer.

Germans Lack Penicillin Knowledge.—A correspondent of the "Manchester Guardian," writing from Berlin on June 6, states that in the Koch laboratories German scientists are being compelled to waste their time trying to discover by laborious experiments methods of processing penicillin culture media, which could be explained to them by British scientists in a matter of days. A Press statement was issued by the British Public Relations Division in Germany announcing that penicillin has been made available to Germans for the treatment of venereal disease, and that "the occupying Powers have passed on to their late enemy the processes of penicillin production." The last part of the sentence, according to the correspondent, appears to be only half true. Some information has been sent by the British Ministry of Supply, together with standards for testing the purity of the product and samples of culture media, but no full description has been given of the best-known methods of processing. The result is that although some penicillin is being made at the Schering pharmaceutical works in Berlin the product contains only between ten and fifteen active units of penicillin per cubic centimetre, whereas current methods in England produce one hundred active units per cubic centimetre. The amount of penicillin that these German works can produce is thus only about one-tenth what they could make if they were told more fully how to make it.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

28 Essex Street, W.C. 2, June 19

A SMALL advance in an important group of PHARMACEUTICAL CHEMICALS and a few price movements in CRUDE DRUGS comprise the only features of interest in this week's markets. The first change concerns IODIDES, which have been advanced by threepence per lb. for the home market. In CRUDE DRUGS higher prices are noted for bleached GUM ACACIA, MENTHOL, QUILLAIA BARK and some grades of CARNAUBA WAX, while BUCHU LEAVES and VALERIAN ROOT are tending easier.

Crude Drugs

Changes in the import programme for Curacao ALOES, peeled and natural LIQUORICE ROOT, and Mexican SCAMMONY ROOT, are made by the intimation of the Directorate of Medical Supplies that existing quota arrangements, which expire on June 30, are to be terminated ; ordinary applications for licences may now be made. In reaching this decision, the Directorate have intimated that, except in cases where the department are satisfied that there are special circumstances that would justify the issue of an import licence, licences for the drugs referred to will be granted only to importers who have been entitled to quotas under the previous arrangement. Among the general items in the CRUDE DRUGS markets, considerable interest attaches to the position of MENTHOL which is still in very good demand. It is understood that previous importers of this item have been advised that licences will be granted for the same quantities as last year. The f.o.b. price from Brazil, however, is at a higher figure which will mean a substantially increased spot price here. In the meantime rumours are current that Far-Eastern sources are offering but so far no definite information on this point has been received. Licences have been granted for importation of CASCARA SAGRADA and a price is quoted for July-August delivery. RHUBARB continues to be badly wanted but no shipments are expected from China until about July. A joint announcement by the Ministry of Agriculture and Fisheries and the Ministry of Food with reference to MUSTARD SEED prices, states that the prices paid to growers of MUSTARD SEED for manufacture have recently been reviewed. It has been decided that for the 1947 crop the maximum prices payable to growers on sale to a mustard manufacturer shall be increased as follows : Brown mustard, from £4 10s. per cwt. to £6 10s. per cwt. ; white mustard from £3 10s. per cwt. to £4 5s. per cwt. The Mustard Seed Order will be amended accordingly.

Essential Oils

Conditions in these markets are virtually unchanged. ANISE (STAR) continues to be offered at a high price outside the control scheme. English-distilled CLOVE is unchanged.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were :—

Centre	Quoted	June 19
*Alexandria	Piastres to £	97⅜–97⅝
Brussels	Francs to £	176½–£76¾
Copenhagen ..	Kroner to £	19.32–19.36
Dutch West Indies ..	Florins to £	7.58–7.62
Oslo	Kroner to £	19.98–20.02
Paris	Francs to £	479.7–480.3
Lisbon	Escudos to £	99.80–100.20
Montreal	Dollars to £	4.43–4.45
New York	Dollars to £	4.02½–4.03½
Stockholm	Kroner to £	16.88–16.92
Zurich	Francs to £	17.34–17.36

* Free market rate.

U.S. Drug Market Report

New York, June 14

A PERIOD of uncertainty confronts the U.S. chemical industry, with numerous shortages brought about by labour difficulties and price adjustments, states a report issued by the Department of Commerce. The shortage of basic materials is seriously hindering FINE CHEMICAL production. The BISMUTH preparations, SILVER SALTS, certain SULPHA drugs and SACCHARIN head the list of items which are in an exceedingly tight supply position on the local markets. Production of crude GLYCERIN in April at 14,260,000 lb. approximately, represented a 225,000 lb. advance in output on the previous month. The commodity is in great demand from many other industries, however, and production at this rate for the rest of the year will still result in total output falling short of the 172,450,000 lb. produced in 1945. Little activity in Brazilian MENTHOL has been reported, the major consuming season in the United States still being two or three

months away. While it is reported that a small consignment of this material arrived recently from China, the South American producers appear to be of the opinion that supplies from the Far East will not come up to expectations earlier in the year and that the U.S. consumers will have to depend on the Brazilian product once more. Trade in MERCURY is reported dull with moderate shipments of material going out to complete back orders. It is reported that some small lots of Italian metal have been offered at prices from $2 to $4 cheaper than the domestic product, including duty. There has been a good demand on the U.S. BOTANICAL DRUG markets; with reasonable quantities of CARNAUBA WAX offered for June–July shipment from Brazil, the expected squeeze in supplies may not develop until August or September, it is felt here. New-crop wax will not be ready until November or December and prices for December are only slightly below present levels. The export demand for CASCARA SAGRADA, SENEGA and GOLDEN SEAL is increasing, it is reported. Higher prices were recorded in Hungarian CHAMOMILE, JALAP and BURDOCK ROOTS. Among declines, Indian VALERIAN ROOT was prominent in face of supplies of the genuine Belgian product. Due to a reduced consumption in soap and confections, the supply position in the synthetic flavour and perfume materials is generally satisfactory. The Department of Agriculture predicts that synthetic VANILLIN may replace the natural extract in home use owing to lower costs. There has been a rather irregular demand for ESSENTIAL OILS while most aromatic lines are well sold ahead.

Pharmaceutical Chemicals

APOMORPHINE.—Reduced prices per oz. are: HYDROCHLORIDE and SULPHATE, 122s.

ATROPINE.—Home market prices per oz. are: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s.; 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (*x*-ray).—Prices per lb. quoted by makers, in 28 lb.–1 cwt. lots, for home sales are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BISMUTH SALTS.—Current prices per lb. for CARBONATE, in quantities of 14 lb.–28 lb., are as follows (containers in brackets): 13s. 0½d. (1-lb.); 12s. 11½d. (2-lb.); 12s. 11d. (4-lb.); 12s. 10d. (7-lb.); 12s. 9½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALLATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below the prices for carbonate.

BORAX.—Ton lots are quoted as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—POTASSIUM, in quantities of 28 lb., is quoted at the following rates per lb. (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14 lb.); 2s. 10½d. (28-lb.). SODIUM, 1½d. per lb. less. and AMMONIUM 1½d. per lb. more, than above prices. Prices are net, without engagement.

CODEINE.—Prices per oz. current in the home market are: PURE, ½ oz., 51s. 9d.; 1 oz., 49s. 3d.; 2 oz., 47s. 9d.; 3 oz., 47s.; 4 oz., 46s. 9d. HYDROCHLORIDE, ½ oz., 46s. 6d.; 1 oz., 44s.; 2 oz., 42s. 6d.; 3 oz., 41s. 9d.; 4 oz., 41s. 6d. PHOSPHATE, ½ oz., 40s. 9d.; 1 oz., 38s. 3d.; 2 oz., 36s. 9d.; 3 oz., 36s.; 4 oz., 35s. 9d. HYDROBROMIDE and IODIDE, as PURE; SULPHATE, as HYDROCHLORIDE.

COTARNINE.—CHLORIDE and PHTHALATE are now quoted at 25s. per oz.

DIAMORPHINE.—New prices per oz. are: PURE, ½ oz., 54s. 6d.; 1 oz., 52s.; 2 oz., 50s. 6d.; 3 oz., 49s. 9d.; 4 oz., 49s. 6d. HYDROCHLORIDE, ½ oz., 50s. 3d.; 1 oz., 47s. 9d.; 2 oz., 46s. 3d.; 3 oz., 45s. 6d.; 4 oz., 45s. 3d.

ETHYLMORPHINE.—Current rates per oz., in the home market, are: PURE, ½ oz., 57s. 6d.; 1 oz., 55s.; 2 oz., 53s. 6d.; 3 oz., 52s. 9d.; 4 oz., 52s. 6d. HYDROCHLORIDE, ½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 44s. 3d.; 4 oz., 44s.

GLUCOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.–28 lb., in 14-lb. lots, 11¾d. per lb.; 28 lb.–112 lb., in 14-lb. lots, 11¼d.; in 28-lb. lots, 10¼d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Home quotations have been advanced by threepence per lb. POTASSIUM IODIDE, B.P.—112 lb., 9s. 6d.; 28 lb., 10s.; 14 lb., 10s. 6½d.; 7 lb., 12s. 0½d.; 4 lb., 12s. 6½d.; smaller quantities, 13s. per lb. SODIUM IODIDE, B.P.—28 lb., 10s. 5d.; 14 lb., 10s. 11½d.; 7 lb., 12s. 8½d.; 4 lb., 13s. 4½d.; smaller quantities, 14s. 2d. IODOFORM, B.P.—28 lb., 13s. 7d.; 14 lb., 14s. 1½d.; 7 lb., 16s. 3½d.; 4 lb., 17s. 1½d.; smaller quantities, 17s. 11d. IODOFORM CRYSTALS.—2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 11d.; 28 lb., 11s. 5d.; 14 lb., 11s. 11½d.; 7 lb., 13s. 8½d.; 4 lb., 14s. 4½d.; smaller quantities, 15s. 1d.

Crude Drugs

ALOES.—Cape continues to be wanted; forward value is at 120s., c.i.f.

ARECA NUTS.—Quoted on the spot at 75s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—*Canada* is steady on the spot at 13s. 6d. to 14s. per lb.; *Peru*, 8s. 3d.; *Tolu* and *Copaiba*, unobtainable.

BUCHU LEAVES.—Spot supplies would now be worth 4s. 9d. per lb.

CARDAMOMS. — Quiet; prices unchanged. Aleppy seed, spot, 8s. 6d. per lb.; Aleppy greens, 7s. 6d.; Mangalore heavy, 7s.

CASCARA SAGRADA.—July–August delivery is quoted at £300 per ton.

CASCARILLA.—Quills are priced at 2s. 9d. per lb.

CHAULMOOGRA.—Spot *Hydnocarpus* is quoted at 2s. per lb., in tins in cases.

CHILLIES.—Quiet. Mombasa, spot sellers at 150s. per cwt.; shipment, June–July, 140s., c.i.f., buyers' licence.

CINNAMON.—Chips are steady on the spot at 2s. 2d. per lb.

COCHINEAL.—Spot, silvers, 5s. 6d. per lb.; blacks, 5s. 9d.

COLOCYNTH.—Fair-quality white pulp is offered at 2s. 6d. per lb., but business is quiet.

DIGITALIS LEAVES.—Portuguese, spot, 130s. to 140s. per cwt.; English, 2s. 6d. per lb.

ERGOT.—Spot, 7s. 9d. per lb.; to arrive, 7s.

GUM ACACIA.—Kordofan cleaned sorts is firm on spot at 77s. per cwt.; bleached, dearer at 150s.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian leaf is firm at 250s. per cwt.; Egyptian (*muticus*) steady at 90s.

KARAYA GUM.—Indian No. 1 gum, spot, 200s. per cwt.

KOLA NUTS.—Current spot prices are: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves, 7d.

LIQUORICE ROOT.—Natural Anatolian, spot, 90s. per cwt.; cut, 110s.

MENTHOL.—Continues in good demand, with spot quoted at 33s. 6d. to 34s. 6d. per lb., duty paid. It is understood that previous importers are being granted licences for the same quantities as last year. Orders have been sent out to Brazil and prices are coming in at 32s., f.o.b., which would mean a higher price on spot. It is rumoured in trade circles that China is offering, but firm offers cannot yet be obtained.

NUX VOMICA.—Cochin, spot, 45s. per cwt.; shipment, 39s. 6d., c.i.f.; Mangalore, spot; 37s. 6d.

ORANGE PEEL.—Fine-cut Tripoli may be obtained on spot at 4s. 9d. to 4s. 10½d. per lb.; Spanish quarters, 2s. 9d.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper.

QUILLAIA BARK.—Natural is now at 120s. per cwt., and cut at 140s.

RHUBARB.—Common-round near-at-hand, 12s. 6d. per lb.; to arrive, 10s., c.i.f.

SARSAPARILLA.—Red Jamaican on the spot, 2s. 9d. to 3s. per lb.

SEEDS.—Current prices are: CORIANDER.—Spot, Indian, 125s.; Morocco, 120s. CUMIN.—Spot, Indian, 195s. ex store, Liverpool. DILL.—Spot, Indian, 80s. ex wharf, London. FENNEL.—Spot, Indian, 175s. ex store, Hull. FENUGREEK.—Spot, Indian, offered at 80s. For prices of 1947 crop of MUSTARD, see Introduction.

TRAGACANTH.—Spot price of selected grades is firm at £160 per cwt., with supplies scarce. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and brown leaf, £20; red leaf from £17; hoggy, £12 to £15.

TURMERIC.—Spot, Madras finger, 95s. per cwt., ex wharf London; 92s. 6d., ex store, Liverpool.

VALERIAN.—Belgian root is now obtainable on spot at 250s. per cwt.

WAXES.—Rates for some grades of CARNAUBA are at higher levels. Fatty grey, spot, £55 per cwt.; chalky, £53 15s.; prime yellow, £60; fatty grey, afloat, £57 10s.; shipment, June–July, £51; prime yellow, shipment, June–July, £55. BEES'.—Quoted on the market as follows: Dar-es-Salaam, spot, 315s. per cwt.; afloat and June–July shipment, 300s., c.i.f.; Benguela, spot in bond, 285s.; June–July shipment, 275s., c.i.f.; Abysinnian, June–July shipment, 280s., c.i.f. OURICURI.—Spot, nominal; to arrive, 620s. per cwt., c.i.f., 7 per cent. basis. CANDELILLA.—Spot, nominal; to arrive, June–July dispatch, 505s. per cwt., landed terms.

Essential and Expressed Oils

ANISE (STAR).—Oil outside the control scheme would be worth 120s. per lb.

CASTOR.—Bulk supplies are quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—English-distilled bud oil is offered at 12s. per lb.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°–52°, £63.

LINSEED.—Bulk supplies of crude are officially quoted at £65 per ton, naked ex works.

TRADE MARKS

(*From "The Trade Marks Journal," May 29*)

"FERTOMART"; for chemical products used in agriculture and horticulture (other than insecticides, fungicides and weed-killers), manures (natural and artificial), and fertilisers (1). By The Bradford Fertilizer Co., Ltd., Derwent Mills, Cockermouth, Cumberland. 638,610.

"ALLOCIDE"; for chemical products used in industry, agriculture, horticulture and forestry (other than fungicides, insecticides and weed-killers), manures (natural and artificial), chemical substances for preserving foodstuffs, tanning substances (1). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 639,467.

"SUNTAC"; for adhesives (not being articles of stationery) (1). By Sunbeam Anti-Corrosives, Ltd., 9A Ladbroke Grove, London, W.11. 639,627.

"SOL-Y-SOMBRA"; for perfumes and cosmetic preparations, being toilet preparations (3). By Picot, Ltd., 191 Hammersmith Road, London, W.6. 636,338.

"DERMOCAL"; for toilet preparations (not medicated) for the skin (3). By The Dubarry Perfumery Co., Ltd., Goldstone Laboratories, Hove Park Villas, Hove, Sussex. 639,415.

"GOLD CIRCLE"; for perfumery, toilet preparations, dentifrices, toilet articles (not included in other classes), sachets for use in hair waving, soaps and essential oils (3). By Ashe Laboratories, Ltd., 120-22 Victoria Street, Westminster, London, S.W.1. 639,419.

"TYRO-LOL"; for medicated soap (3). By Potter & Clarke, Ltd., 60, 62 and 64 Artillery Lane, London, E.1. 639,866 (Associated).

"BABESAN"; for veterinary substances (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 639,143.

"AERO-PED"; for pharmaceutical preparations for the feet (5). By Colloidal Chemists, Ltd., 35 Bessborough Place, London, S.W.1. 639,188.

"DROPTIC"; for pharmaceutical preparations for use in the treatment of the eyes (5). By E. M. Worth, 149A Napier Road, Gillingham, Kent. B639,895.

"PLUTOLAC"; for pharmaceutical preparations and substances (5). By Ashe Laboratories, Ltd., 120-22 Victoria Street, Westminster, London, S.W.1. 639,925.

"SOL-A-SOL"; for antiseptics (5). By Blackwell Hayes & Co., Ltd., 54 Moor Street, Birmingham, 4. 639,993.

"VIVIENNE"; for clips for attachment to the hair for use in waving (26). By Lionite Chemical & Asphalt Products, Ltd., 64 Collington Road, West Dock, Cardiff, South Wales. B638,818.

"FRISCAN"; for razors, razor cases and razor blades (8). By Cecil Jacobs, 31 Western Avenue, London, N.W.11. 638,312.

"WITNESS"; for cameras and other photographic and cinematographic apparatus (9). By W. J. Rothschild, 40 Mackenzie Street, Astley Bridge, Bolton, Lancaster. 638,729.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification 637,185 by Benger's, Ltd., should be altered so as to read "All goods included in Class 5 other than preparations containing vitamins."

Specification 638,241 by Butler & Crispe, should be altered so as to read "Pharmaceutical preparations, but not including disinfectants."

(*From "The Trade Marks Journal," June 5, 1946*)

"SODIF"; for water softening preparations (1). By Jerrold Katin, 277 Balham High Road, London, S.W.17. 640,193.

Device of bottle superimposed with the letter H, on special pattern; for toilet preparations (not medicated), cosmetic preparations and soaps (3). By C. J. Hewlett & Son, Ltd., 35–43 Charlotte Road, London, E.C.2. B635,063 (Associated).

"OCEAN SPLASH"; for toilet preparations (not medicated), but not including soap (3). By Arpee Laboratories, Farleigh House, 33 Lawrence Lane, Cheapside, London, E.C.2. 636,891.

Device of heron rising from water with fish in beak; for soaps, toilet preparations (not medicated), cosmetic preparations, hair lotions, dentifrices (3). By H. Fisher (Oldham), Ltd., Star Works, Edge Lane Street, Royton, Lancashire. 638,565.

"GAAYNNE"; for toilet preparations (not medicated) and cosmetic preparations (3). By Columbia Products Co., Ltd., 1 Dukes Avenue, Chiswick, London, W.4. 639,841.

"ULMEX"; for toilet preparations (not medicated) and soaps (3). By Potter & Clarke, Ltd., 60 Artillery Lane, London, E.1. 639,867.

"KLEROSAL"; for pharmaceutical preparations for use in the treatment of rheumatism (5). By Goder & Moore, Ltd., 13 Southampton Place, London, W.C.1. 637,335.

"DESENEX"; for pharmaceutical preparations (5). By Wallace & Tiernan, Ltd., Power Road, London, W.4. 638,884.

"FRAT"; for sedatives and analgesics (5). By George W. Taylor, 40 Duncombe Street, Walkley, Sheffield. B638,984.

"RENTEMUL"; for insecticides and preparations for veterinary purposes (5). By Rentokil, Ltd., 168–70 Stockwell Road, London, S.W.9. 639,703 (Associated).

"GRENOLAN"; for antiseptics (5). By Clyde Utilities, Ltd., 187A West George Street, Glasgow, C.2. 639,735 (Associated).

"THISTLEDOWN"; for hair pins, grips, fasteners and supports, all made of common metal (26). By Savory & Sons, Ltd., Brookhouse Mills, Painswick, nr. Stroud, Gloucester. 638,489.

SevenSeaS

COD LIVER OIL

Presents to the chemist the best opportunity for increasing turnover and profits. The public have never before been so fully aware of their need for more fats and more vitamins and SEVENSEAS is the best answer for both.

It is to the chemist's advantage to render National Service by pushing sales

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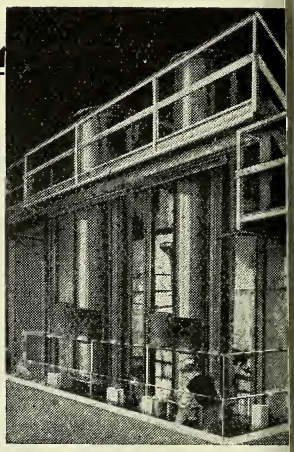
An impression of one of our Quinine Extraction Plants (Our own design)



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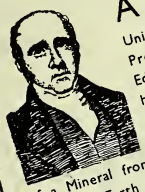
NAMES THAT HAVE MADE EDINBURGH FAMOUS IN THE REALMS of CHEMISTRY

2843

THOMAS CHARLES HOPE
(1766-1844)



A NATIVE of Edinburgh and a medical graduate of the University, who became sole Professor of Chemistry at Edinburgh in 1799. In 1793 he announced the discovery of a new "earth" in his paper entitled "An Account of a Mineral from Strontian and of a Peculiar Species of Earth which it contains." He also wrote several papers on the chemical and colouring matters in the leaves and flowers of plants.

No 4 of Series

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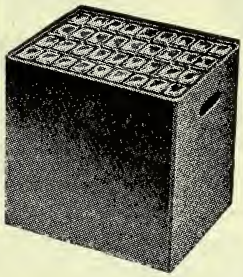

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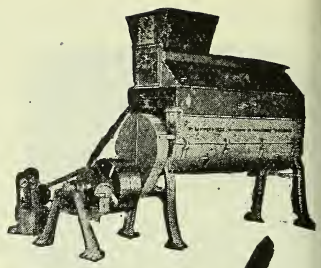

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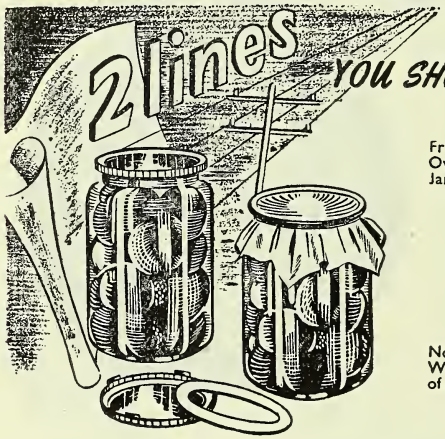

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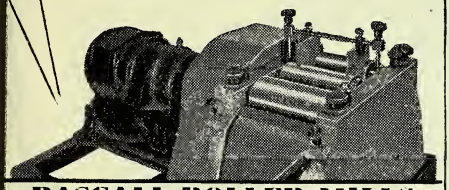

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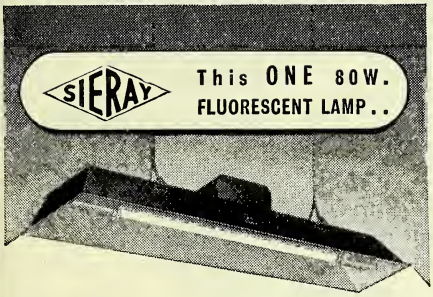

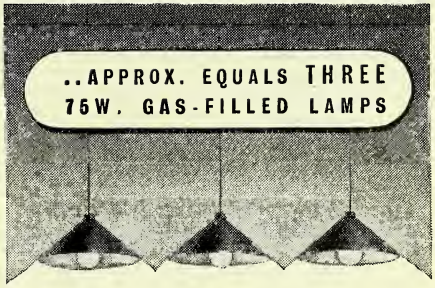

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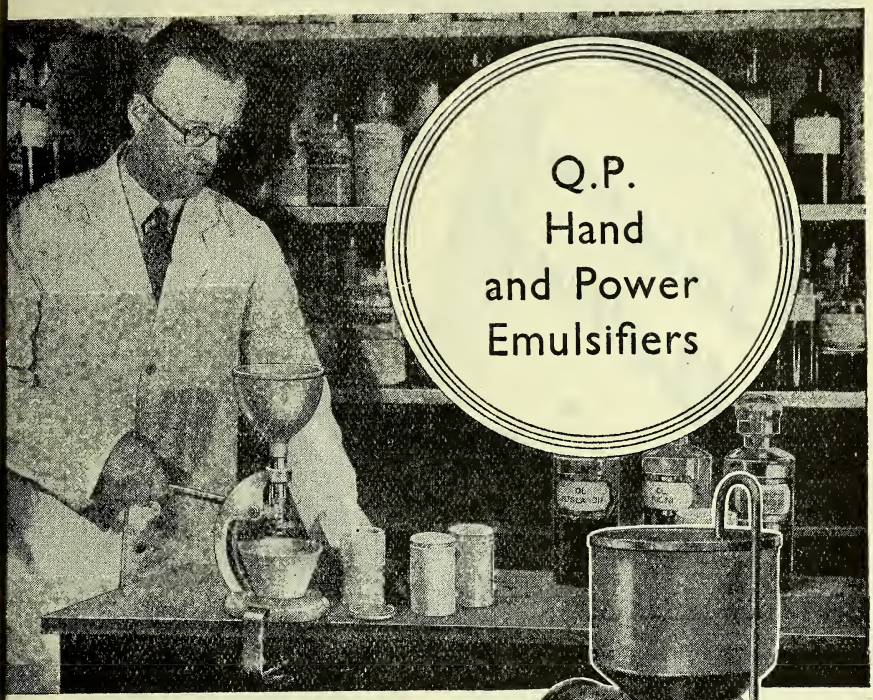

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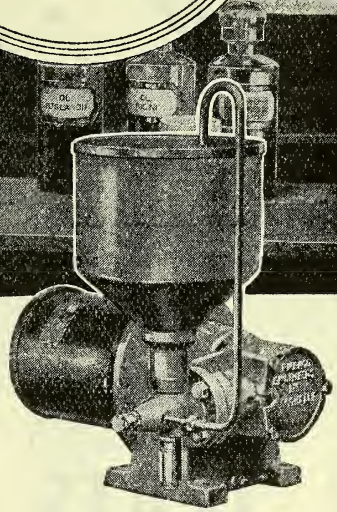

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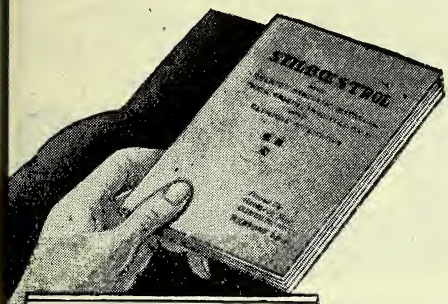

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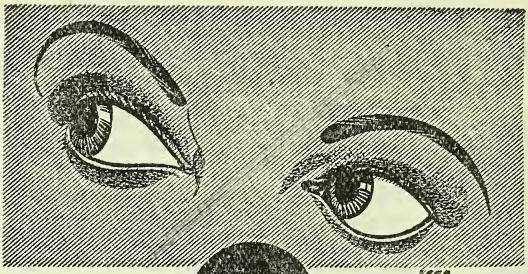

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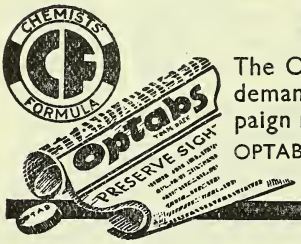

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ANTISEPTIC INFANTS ★ DUSTING POWDER ★

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Distributed by **S. MAW, SON & SONS, LTD. of NEW BARNET**

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For health and hygiene in the home

1. Boon Products embody new antiseptics, of higher, more uniform germicidal power than those previously available. 2. New bases enhance the healing efficiency of these antiseptics. 3. Boon Products are pleasant to use, non-poisonous, non-irritant, non-staining. Full particulars (packings, terms, etc.) from the Sole Distributors to the Chemist Trade:—

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ARE YOU READY?

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Strongly recommended for Headaches—Indigestion—Heartburn—Flatulence—Biliousness—Over-Indulgence—and Fatigue.

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Retail 2/3 including Tax
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All exempt from Purchase Tax.

★ Packed in Attractive Cartons

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THE CHERITONE COMPANY PRESENTS

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For sale by licensed Chemists only 7/6 & 14/-

2 **CHERITONE** *Tonic Cup*
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Attractive Trade Terms
Samples furnished on request

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D·D·T LIQUID SPRAY

Specially prepared for Household use. NON-INFLAMMABLE, NON-POISONOUS, NON-STAINING.

Ready for immediate use. Full directions on each bottle. Also in Powder Form.

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NO LICENCE REQUIRED

Sold by all good Chemists and Stores

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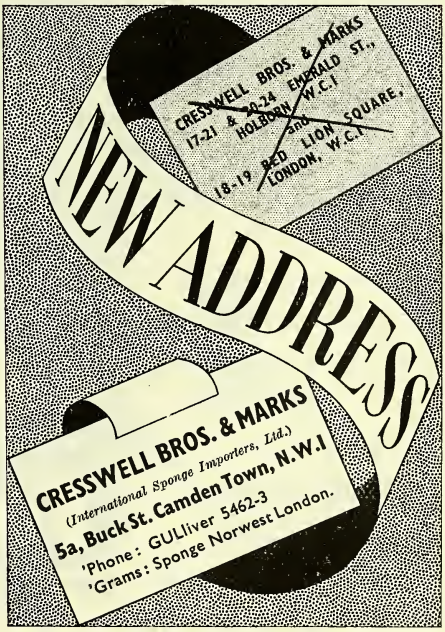

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Plus Tax ONE SIXTH
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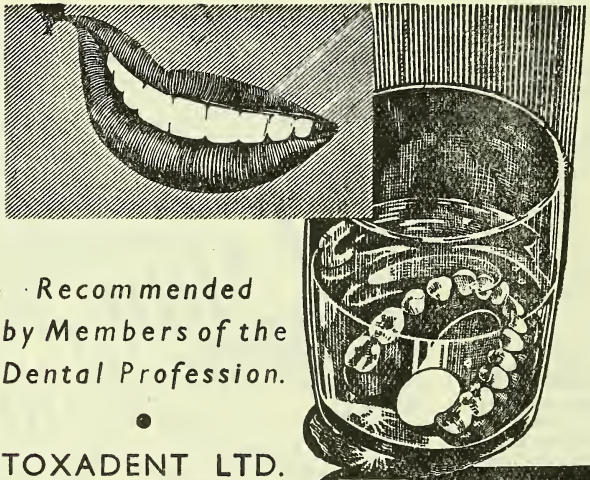

Recommended by Members of the Dental Profession.

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Safe for Acrylics

ORDER NOW the non-bleach Denture Cleanser, harmless to acrylics and metals, powerfully advertised.

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DENTURE TESTED TABLETS

At 5 months baby needs a CEREAL FOOD

Recommend M.O.F.—the *fortified* Infant Cereal

At about 5 months mixed feeding should begin. At this stage it is usual to include a cereal food in the infant's diet. This is the time when an infant needs M.O.F. — the fortified infant cereal.

M.O.F. is a finely sieved oat flour fortified with Vitamin D, Calcium, Phosphorus and Iron and specially processed for quick cooking.

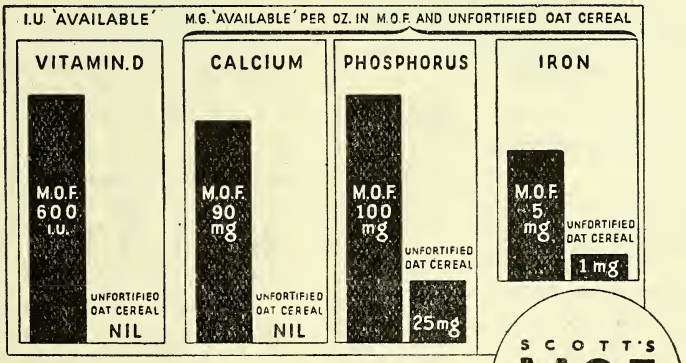
WHEN AND HOW TO GIVE IT

The use of M.O.F. normally begins with the introduction of mixed feeding. It should be made to a thick consistency and may be spoon fed before the normal breast or bottle feed. Small quantities given at first should be increased as the infant progresses, M.O.F. forming one of the staple factors of a mixed diet.

Where artificial feeding must start at an early age M.O.F. can be given as from 3 months.

HOW DOES IT COMPARE WITH OTHER CEREAL FOODS?

One of the reasons why progressive medical opinion recommends M.O.F. is because it is more than a cereal. M.O.F. is a fortified food. How it compares with non-fortified infant cereals can be seen in this chart.



SCOTT'S MOF MIDLOTHIAN OAT FOOD

M.O.F. IS PREPARED BY A. & R. SCOTT LTD.
WEST MILLS, COLINTON, MIDLOTHIAN, SCOTLAND.

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PERFUMES SUITABLE FOR BAZAAR TRADE, ALSO OINTMENTS, SHAVING CREAM, ETC.

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Available for Immediate Delivery

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Schedule sent on application to 105/270 C & D Office.

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Wanted by direct consumers

Box 104/269, C. & D. Office

CETYL ALCOHOL, superfine perfumery quality available in **56 lb.** and **112 lb. lots,** Ex Warehouse, London.

GLYCERYL MONOSTEARATE finest grade for use in cosmetics, pharmaceutical and food products, in **1 cwt. packages.**

Both for immediate delivery — ***Samples on application***

CHEMICALS & ESSENTIAL OILS LTD.

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LIPSTICK CASES—Assorted Colours—Cardboard Push-up, **3/9** per doz.; Plastic Screw-on, **12/-** per doz.; Metal Propellor, **13/6** per doz.
(Purchase Tax 100%)

LIPSTICK REFILLS — "TRYST," Creole, Red Velvet, Passion, Flame, **12/-** per doz.
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POWDER COMPACTS— Imitation Leather, with puff, **35/-** per doz.; Silk covered, with puff, **35/-** per doz.; Imitation leather, with filter, **12/-** each; Metal Decorated, with filter, **8/4** each: Metal Plain Colours, with inner lid, **10/-** each.
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M. CLEMENTS (Chemists Sundries) LTD.
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EXCEPTIONAL PROFIT
EXCLUSIVE PACK
LONDON OFFICE: 2 BERRIDGE Grn. EDGWARE

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GIVE YOUR MADE-UP TOILET GOODS THAT DISTINCT'VE APPEARANCE. WRITE FOR DETAILS **NOW.**

BRICCAS LIMITED Fortess Grove Kentish Town, London, N.W.5 *GULliver 3474*

Attractive Bottles, amber ½ oz. and 1 oz. with plastic caps, regular supplies, prompt delivery. **50/6** per gross, plus carriage charge.

POPLAR GLASSWORKS LTD.
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Now at:
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Our well-known list of the Medical Profession has been kept up-to-date during the war period and can be used with confidence in your own post-war planning in connection with Medical Propaganda.

OLD ENGLISH FLY PAPERS

CONTAINING **D. D. T.** Retailing at four for 6d. ***Bulk buyers required.***

Sure-Death Pest Exterminators Ltd.
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'Phone: Willesden 3123

KLENFEX LABORATORIES LTD.
327, Latimer Rd., London, W.10
OFFER for immediate delivery
D.D.T. 80/84%
5, 10, 15, 20% Dusting Powders
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GELATINES

★ HIGHEST QUALITY ★

All Grades—Powder, Leaf, Sheet.
In Bulk; also 7, 14, 28 lb. Tins and Bags.

Special packing for Export

HOUSE FOR GELATINES
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Telephone: GERrard 7955, 2450. *Telegrams:* Morko, Piccy, London.

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 22 1946

28 ESSEX STREET, LONDON, W.C.2

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

/6 for 40 words or less, 2d. for every additional word.

RETAIL (HOME)

LADY Assistant, either qualified or unqualified, is required for a good-class pharmacy. Mainly dispensing, but a good counter hand would be sidered. Please reply with usual particulars to T. De Peare, 14 Highbury Park, London, N.5.

ALHAM. Lady counter assistant required at once. Permanent. £3 5s. and bonus for 2nd ior, proportion if under 21. 9 till 5.30, half-day dnesday. Apply 13 Hildreth Street, nr. Bedford l, Balham.

OGNOR. Pharmacist of proved ability required as Manager of good-class family business in nor. Applicants should give full particulars of erience and salary required. Superintendent, pells (1932) Ltd., 70 Vauxhall Bridge Road, V.1.

HEMISTS' Assistants (Ladies) wanted for Clerical work in the N.H.I. checking bureau stock pricing departments. Apply, National rmaceutical Union, 4-5 Queen Square, W.C.1.

URHAM CITY. Qualified Chemist required to manage Retail Department. Permanency to t man, other staff kept. Apply with particulars ge, experience, and salary required to Holiday & Ltd., The Claypath Pharmacy, Durham City.

URHAM COUNTY. Experienced Qualified Manager required, able to control staff and elop business. Permanency for right man, inter- ng varied work. Excellent prospects. Good ry. Ileys' Ltd., Ryhope, Sunderland, Durham.

ILLINGHAM Co-operative Society Ltd. require the services of a qualified Pharmacy Branch nager. Position permanent with good prospects. eranuation scheme in operation. Apply, stating , qualification, experience and salary required, ore June 22, to Managing Secretary, Gillingham operative Society Ltd., King St., Gillingham, Kent.

UY'S HOSPITAL. Assistant Pharmacist required immediately. Salary £320 p.a. (J.N.C. le). Applications, stating age, experience, etc., be sent to the Chief Pharmacist, Guy's Hospital, ndon, S.E.1.

ADY Assistant (unqualified) required for good- class family dispensing business in pleasant trict close to town. Must be able to dispense. od hours, no half-day or Sunday duty. Please give l particulars of age, previous experience, salary uired, etc., to G. T. Hodgkiss, 312 London Road, rth Cheam, Surrey. Derwent 2804.

EEDS. Pharmacist urgently required as Branch Manager. Full control under supervision of ner only. Permanency and good salary offered capable person able to start immediately. Lionel rby Ltd., 261 Dewsbury Road, Leeds, 11. Phone : 96.

ONDON, W.1. Qualified Assistant required for good-class business. Any age. Easy hours. rticulars of experience and salary required to 4/264, C. & D. Office.

LEEDS. Manager for Branch Shop. Qualified. Private dispensing business. State age, salary and references. 104/268, C. & D. Office.

LONDON, W.9. Pharmacist required as Superintendent for busy middle class business. Quick counter trade. Lady or Gentleman. Permanency. Must be congenial and easy to work with. Half-day Thursday. No Sunday duty. Could wait for suitable applicant. Please apply stating salary required. 103/213, C. & D. Office.

LONDON, S.E. Wanted, a Qualified Manager for quick cash business. Staff 5 or 6. Scope for man willing to organise and able to control stock and staff. Good salary and prospects to suitable man. Apply stating age and how soon at liberty to Milner, Chemist, 209 Trafalgar Road, Greenwich, S.E.10.

M.P.S. and two Chemists Assistants required for new department to be opened in large departmental store in the Midlands. Write giving full particulars of qualifications and experience, 971/294, C. & D. Office.

NOTTINGHAM. Manager required, no Sunday or holiday duty, permanent position. Knowledge of " heavy " trade advantage but not essential. Roberts, 14 Clumber Street, Nottingham.

ORRIDGE & CO., Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Inquiries invited from all employers seeking staff. Many pharmacists and unqualified assistants available for retail and wholesale. Representatives also requiring situations. Reasonable terms. Write to Columbia House for particulars.

QUALIFIED Pharmacist urgently required to manage old-established family chemist business in N.W. Lancashire coast town. Apply stating experience and salary required to 105/282, C. & D. Office.

QUALIFIED Manager required for busy middle-class family dispensing business. Applicants must have had good previous managerial experience. Permanency. Good prospects. Please give full details including age, etc., to Goldthorpes, 10 Powis Street, Woolwich, S.E.18. WOO. 0403.

QUALIFIED Pharmacist, either sex, required by company for dispensing, etc. Comfortable position. No extra duties or Sundays. Apply with all particulars to 104/252, C. & D. Office.

QUALIFIED Gentleman required for high-class pharmacy. Apply with full particulars to Managing Director, Loveitt & Bones, Ltd., High Street, Coventry.

QUALIFIED Lady to take charge of dispensing and drug department in high-class business. No holiday or Sunday duties. Good hours. North London. Apply 105/290, C. & D. Office.

QUALIFIED Assistant required for part-time; also Pharmacist for laboratory and dispensary work. Apply, Manager, Allen & Hanburys, Ltd., 7 Vere Street, W.1.

QUALIFIED Manager. Also Senior Unqualified Assistant wanted. West End pharmacy re-opening. Write 102/184, C. & D. Office.

QUALIFIED Assistant wanted for a good class business. Give full particulars and salary required. Williams & Smith, Chemists, Horsham.

TUNBRIDGE WELLS. Required Capable Assistant, young, accustomed to good-class business. Godkins, Chemists, 1 High Street, Tunbridge Wells. Telephone 841.

UNQUALIFIED Assistant wanted for counter and dispensing. No Sunday or half-day duties. Good salary. Apply E. Trauner, M.P.S., 42 High Street, Smethwick, Birmingham.

LOCUMS WANTED

LOCUM Pharmacist required, July 7–20. Also further fortnight later, August or September.—Pharmacist, Princess Beatrice Hospital, Earl's Court, S.W.5.

QUALIFIED Locum wanted for three weeks, July 2 to July 20 inclusive. Usual particulars. Croydon district. 104/242, C. & D. Office.

QUALIFIED Locum required for a week in June or July and a week at the end of September. No Sunday or half-day duty. Please give full particulars to Sanderson's, 27 Northcote Road, Battersea, S.W.11. Battersea 5759.

QUALIFIED Locum required for four weeks in July, August or September. Other staff kept. No Sunday or half-day duty. Please give full details stating salary required to Tozers, 1543 London Road, Norbury, S.W.16. Pollard 3162.

QUALIFIED Locum (either sex) required to manage small branch. Other staff kept. August 6 to August 31 inclusive. Easy hours. Apply Clark, 60 Tonbridge Road, Maidstone.

QUALIFIED Locum required for two weeks July or August. Other Staff kept. Please give full particulars stating salary required to Ileys' Ltd., Ryhope, Sunderland, Durham.

QUALIFIED Locum, male or female, required for 6 to 8 months, to take full charge of Pharmacy. Two assistants. Terms to Goodall, 544 Manchester Road, Bradford.

QUALIFIED Locum, June 24th to July 6th inclusive. Apply Co-operative Society Limited, 23 High Street, Horbury.

UNQUALIFIED Locum for two weeks from July 15, with some dispensing experience. Please state age, experience and salary required, and send copy of one recent reference.—H. M. Harvey, 3 Beeches Avenue, Carshalton. Phone Wallington 5780.

RETAIL (OVERSEAS)

WEST AFRICA. A permanent and progressive career is offered to qualified chemists and druggists (English Certificate only). Commencing salary £500 to £600 per annum according to age. Separation and children's allowances to married men. Tour of 21 months' duration, 4½ months' leave on full pay. Free passages, furnished quarters, medical attendance and membership to pension fund. Write full particulars to Box 1174, c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4.

WHOLESALE

AGENTS working on commission wanted immediately to sell an attractive advertised summer line to good-class chemists in the following areas: London and Home Counties, North and South Wales, Midlands, Eastern Counties. 104/267, C. & D. Office.

COMMISSION Agents wanted for advertised French type perfume compounds for Great Britain and Ireland. Good connexions with bulk consumers essential. 105/284, C. & D. Office.

COMPETENT Shorthand-typist required for small office of manufacturers and exporters. Able to compose own letters, all office duties, no Saturdays. Full particulars of age, salary required, to D.F. Ltd., 49 Grayling Road, N.16.

CHEMIST with honours B.Sc., Doctorate or Fellowship of Royal Institute of Chemistry required to take charge of manufacture of Fine Chemicals. One with research experience and pharmaceutical qualification preferred. Good commencing salary but according to qualifications and experience. 104/260, C. & D. Office.

DISPATCH Man for warehouse, South London—preferably one trained in retail pharmacy—for packing and dispatching urgent items. Commence £300 per ann. Good prospects. 105/281, C. & D. Office.

EXPERIENCED Unqualified Assistant required by Wholesale House to assist with stocks of Medical Specialities. Full details and references to J. R. Gibbs, Ltd., Paignton, S. Devon.

INVOICE Clerk wanted, full or part-time. Export experience, typing. Write full particulars, salary, etc., D.F. Ltd., 49 Grayling Road, N.16.

LONDON Manufacturing Chemists offer a range of packed pharmaceuticals for distribution on generous commission terms to representatives now contacting pharmacists in the counties of Westmorland, Cumberland, Durham, Northumberland, Yorkshire, Lancs, Cheshire, Shrops, Staffs, Worcs, Herefordshire, Warwickshire, Hunts, Cambs, Essex and Home Counties, Surrey, Sussex, Kent. Please write, giving details of present territory, etc., to 105/285, C. & D. Office.

MALE Surgical Truss and Belt Fitter required by old-established London firm. Good prospects for a keen experienced worker. Write full particulars, age and salary required. 104/249, C. & D. Office.

MANUFACTURING Chemists require a representative accustomed to calling on Retail and Wholesale Chemists in the London area. Salary and expenses £260 p.a. with generous commission rates. This appointment, which is progressive, offers an excellent opportunity to a young man with an energetic outlook. Write, giving details of experience, age, etc., to 104/239, C. & D. Office.

MANUFACTURERS of attractively designed, quick-selling pharmaceutical specialities require representation on the following territories: (1) Lancashire, Cheshire and Shropshire; (2) Midland Counties; (3) Eastern Counties. Applicants must be well introduced to the Retail and Wholesale Chemists, Co-ops, and Stores. Essential qualifications are fidelity, ability and initiative. Exceptional prospects for the selected men. Commission or salary and commission to commence. Reply in confidence giving fullest particulars as to experience, age, lines carried, etc. 104/265, C. & D. Office.

MANUFACTURERS of nationally known Household Chemicals have an opening for a Sales Representative for the Greater London and South Eastern Areas, to develop sales of the Company's nationally advertised products. Unique opportunity for superior Salesman with personality, organising ability and established connexions in the Hardware and Grocery Wholesale Trade, Departmental Stores, etc. The position is progressive and carries an income of at least £1,000 and it is intended that the successful applicant should eventually take charge of entire outdoor staff for the above areas. Ownership of car an advantage. Write in strictest confidence to General Manager, Box 657, Sells, Ltd., Brettenham House, Strand, W.C.2.

MEDICAL Representatives with pharmaceutical qualification not over 35 years of age required by firm of Manufacturing Chemists (Ethical Products) for various parts of England. Applications from Service personnel in early release groups will receive consideration. 104/237, C. & D. Office.

OLD-ESTABLISHED British firm of Manufacturing Chemists require a Salesman (Irish) resident in Belfast to sell their Nationally advertised products to Chemists in Northern Ireland. Experience not necessary, but must have enthusiasm and the ability to work. Permanent and progressive post. Salary, commission and expenses. Write in detail to 103/232, C. & D. Office.

ACKER expert in packing and labelling Insecticides required by South Wales company to take rge of Packing Department. Write giving full ticulars of experience and salary required, copies y of testimonials to 105/286, C. & D. Office.

EPRESENTATIVE required by manufacturers of well-introduced line of nationally advertised let rolls to visit existing retail chemist customers Berks, Beds, Bucks and Oxon. Write 105/289, & D. Office.

EPRESENTATIVE required for well-known Luxury Toilet Preparations (A-Class) to be ried as an additional line, on commission basis, call on Chemists, Hairdressers, Department Stores erfumery and Drug Section) for various provincial as. Only those who are well introduced to retailers uld apply stating present lines carried and names firms represented. Enclose reference in first letter. 4/246, C. & D. Office.

EPRESENTATIVES required. England, Scotland and Wales for lines suitable for Chemist res and hairdressers. Good commission. 103/208, & D. Office.

EPRESENTATIVES required to call on Chemists and Stores. Previous experience essential. rite for personal interview to Sales Manager, nella, Ltd., 221 Goswell Road, London, E.C.1.

ALESMAN, 25-35, required by manufacturers of well-known proprietaries, to call on Retail emists in Lincs, Notts, Derbyshire, Cheshire, and sle of Man. Excellent opportunity for live man. plicants are invited from men resident on this ritory with previous experience, and willing to n a car. Write 104/258, C. & D. Office.

COTLAND. Vacancies occur in Eastern and Western districts for representatives expericed in ethical medical propaganda and sales motion through usual professional channels emists, wholesalers, hospitals and doctors). Leadg London manufacturer of ethical medical specialis offers salary, commission and expenses to men th the requisite connexions and experience and siding in Scotland. Qualification an advantage. rite in confidence, sending full particulars, to 5/276, C. & D. Office.

OUTHAMPTON. Unqualified Assistant required for wholesale department of shipping and nufacturing chemists. Permanency. Reply ving full particulars, age and salary required. . Bates & Co., Ltd., Chemists, 25 Oxford Street, uthampton.

PONGE BAGS. Agents calling London, retail required, 7½% commission. Good support. pply, Scorayne, Ltd., 2 Langston Street, Manester, 3.

ABLET Coater required by Manufacturing Chemists in Manchester district. Permanent sition with pension for suitable applicant. Write ting age and details of previous experience. 4/245, C. & D. Office.

JNQUALIFIED Lady with good experience of Medical Specialities required by Wholesale ouse in S.W. to receive telephoned orders. Send ll details and references. 104/262, C. & D. Office.

VELL connected Representative required for calls on chemists and hairdressers following rritories: Lancs and Cheshire, Yorkshire, four orthern Counties and Scotland. Small salary and penses plus good commission. Also two Commison Salesmen for London and Home Counties. ive age, experience. 105/294, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

A CAPABLE "Hall" Dispenser Secretary. available. Experienced hospitals, doctors, chemists. esidential Preferred, London, South or Continent, luent French. 105/272, C. & D. Office.

ASSISTANT (Unqualified), married, age 44, seeks permanent situation South England, where living accommodation available. Thorough knowledge stock and counter work. No dispensing. Please state salary offered. 104/263, C. & D. Office.

ASSISTANT. Lady with general experience. West London suburbs preferred. A.M., 68 Deans Road, Hanwell, W.7.

BIRMINGHAM or West and South Midland districts. Pharmacist (38) desires first-class situation offering sound prospects and scope for advancement. Permanency. Experience, initiative and capabilities above the average. Used to full responsibility. Expert Buying, Stock Control, Display, Organising, etc. Retail or wholesale considered. Accommodation not required. Free one month from appointment. 105/292, C. & D. Office.

DANISH female Chemist Assistant desires work in London either in a chemist's stores, hospital dispensary or laboratory. Has Danish Diploma in chemistry and eight years' experience in Copenhagen. Speaks fluent English. Age 26, unmarried. Available October 1. For further particulars apply—Miss Nebelong-Hansen, Frydendalsvej 30, Copenhagen V, Denmark.

PHARMACIST (35) married, no family, 16 years' experience in all branches. Manager for over 9 years, desires managership with a view to interest in business in the future. Furnished accommodation required, South preferred. All replies answered. Excellent references. Private pharmacists only. Free one month. 104/244, C. & D. Office.

UNQUALIFIED Man seeks situation. Dispensing and manufacturing experience. Also familiar with analyses of lubricating—mineral oils. Write: Ross, 433B Richmond Road, East Twickenham, Middlesex.

LOCUMS SEEKING ENGAGEMENTS

DISPENSER, well experienced, Hall Certificate, desires locum or temporary engagement, doctor or hospital. 104/240, C. & D. Office.

LADY, Unqualified, would take Locum work for one week in August. Lake district preferred. 104/261, C. & D. Office.

WHOLESALE

ADVERTISER, 14 years' first-class experience, pharmaceutical trade. Manager five years. Sound business background, salesman, well educated, 35, married. Released Forces August. Desires to represent progressive wholesale house, North-east preferred. 105/283, C. & D. Office.

REPRESENTATIVE, 25, with live connexions in South London, Surrey, Sussex, Kent, Berks, and Bucks, seeks position with firm of repute, or would take one or two additional repeating lines. Five years' experience, own car. Please state probable salary, etc., or commission. 104/241, C. & D. Office.

REPRESENTATIVE, connexions chemists, co-ops., departmental stores. London area. Requires additional lines, commission basis. First-class representation assured. Write: 104/266, C. & D. Office.

REPRESENTATIVE, age 33 years, seeks position with house of repute. Own car. 105/296, C. & D. Office.

REPRESENTATIVE with 20 years' London experience wishes to join good house. Extremely well known to wholesale and retail chemists and allied trades. Excellent sales record. Own car. 105/297, C. & D. Office.

RESPECTABLE young man (N. Ireland), age 26, nine years' experience in retail pharmacy, unqualified, desires position with reputable house as representative in Eire or N. Ireland. 103/223, C. & D. Office.

SALESMAN, experienced, with first-class connexions amongst chemists, manufacturers, wholesale and retail, is desirous to contact manufacturer for Self Emulsifying Waxes and other products. If quality and prices up to date can promise success and opening of numerous new accounts. Territories: Lancashire, Cheshire, Westmorland, Home Counties, I.O.M. 104/259, C. & D. Office.

SENIOR Sales Executive, present earning £1,250, wishes change. Full experience home sales, control, travellers and statistics. Very able administrative assistant to managing director. 105/295, C. & D. Office.

WORKS Manager, 28 years' experience in galenical manufacture, specialising in tablet preparation and coating, used to medium sized staff control, requires change, N.W. London preferred. Keen services offered where pharmaceutical and mechanical ability may be of mutual advantage. 105/291, C. & D. Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

A GOOD price offered for Cameras, Enlargers and all Photog aphic Apparatus, Exposure Meters, Tripods. good Binoculars, Microscopes, Cine-Cameras and Projectors, prompt cash. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

EDIBLE Sheet and Powdered Gelatin required in large quantities. 965/970, C. & D. Office.

PRECIPITATED Chalk B.P. quality, light preferred. Sample price and quantity offered, prompt or forward delivery. W. B. Cartwright, Ltd., Rawdon, Leeds.

REQUIRED for Export Packing up to 5,000 each 20-ozs. Corked, Narrow Mouthed Bottles, 32-ozs. Jars. Also small quantities of other sizes. Offers to 101/149, C. & D. Office.

STEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

STEARIC Acid, Benzoic Acid. Can offer from large and varied stock Essential Oils and Synthetics in exchange. 104/251, C. & D. Office.

SACCHARIN Tablets required. Bulk or packed. Small or large quantities. W. M. Nicoll, The Bridgnorth Pharmacy, Bridgnorth, Shropshire.

SODIUM Benzoate. Up to 1 ton required urgently for Export. Offers to 105/287, C. & D. Office.

WANTED urgently by registered Cosmetic manufacturers for Export orders, 1, 2 and 4 dram perfume bottles with or without caps. 109 Cricklewood Broadway, N.W.2. GLA 1084.

WELL-KNOWN Firm of Food Manufacturers urgently require new or second-hand tabletting equipment, including tablet machines (multiple punch or rotary), oscillating granulator, mixer for dry granulations. Write giving full particulars and price. 105/238, C. & D. Office.

WANTED TO BUY. Glyceryl Monostearate for use in own manufacturer. Write 104/247, C. & D. Office.

WANTED. .550 Saccharin Powder. Any quantity taken, also bulk supplies Saccharin and Aspirin Tablets. Replies to W. Pearce, 143 Endike Lane, Hull.

WANTED Urgently. Faulty Latex sheaths, mixed quality and quantity. Please send price immediately to 102/182, C. & D. Office.

8 OZ. Plain Medicals, 8-oz. ribbed Ovals, 2 2½-oz. Panels; divisioned Cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Eckington, Sheffield.

26 OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

200 GROSS 1½-oz. bottles wanted. Offers to Nu-Organic Remedies, Ltd., 192A Broadhurst Gardens, N.W.6.

APPOINTMENTS

CITY OF MANCHESTER

PUBLIC HEALTH DEPARTMENT

FIRST ASSISTANT PHARMACIST—WITHINGTON HOSPITAL

ASSISTANT PHARMACISTS—WITHINGTON HOSPITAL

ASSISTANT PHARMACIST—CRUMPSALL HOSPITAL

Applications are invited for the following appointments:—

(*a*) FIRST ASSISTANT PHARMACIST at Withington Hospital (adult, general) West Didsbury, Manchester, 20—(1150 beds).

Candidates must possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain and have had experience in the work of a hospital dispensary.

The basic annual salary scale commences at £360 and rises to a maximum of £380 together with a temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer and £48 5s. 0d. in the case of a female officer.

Full particulars may be obtained from the Medical Superintendent at Withington Hospital and all applications stating age, qualifications and experience, are to be addressed to him.

(*b*) TWO ASSISTANT PHARMACISTS at Withington Hospital.

Candidates should possess a qualification granted by or recognised by the Pharmaceutical Society of Great Britain (Ph.C. or B.Pharm. preferred).

The basic annual salary scale commences at £270 and rises to a maximum of £295 together with a temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer and £48 5s. 0d. in the case of a female officer.

Full particulars may be obtained from the Medical Superintendent at Withington Hospital and all applications stating age, qualifications and experience, are to be addressed to him.

(*c*) ASSISTANT PHARMACIST at Crumpsall Hospital (adult, general), Manchester, 8.—(1400 beds).

Candidates should possess a qualification granted by or recognised by the Pharmaceutical Society of Great Britain (Ph.C. or B. Pharm. preferred).

The basic annual salary scale commences at £270 and rises to a maximum of £295 together with a temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer, and £48 5s. 0d. in the case of a female officer.

Full particulars may be obtained from the Medical Superintendent at Crumpsall Hospital and all applications stating age, qualifications and experience, are to be addressed to him.

All the appointments are subject to the Corporation conditions of service and the closing date for the receipt of applications, in each instance, is July 27, 1946.

Canvassing in any form, oral or written, direct or indirect, will be a disqualification.

The salary scales applicable to these appointments may be reviewed in the event of the Corporation adopting National salary scales.

PHILIP B. DINGLE,
Town Clerk.

Town Hall,
Manchester, 2.
June 5, 1946.

BROMPTON HOSPITAL

S.W3

APPLICATIONS are invited for the post of Chief Pharmacist. Applicants must hold the Diploma of Pharmaceutical Chemist and have had previous hospital experience. Salary in accordance with the recommendations of Joint Negotiating Committee within the scale £500-£600. Federated Superannuation Scheme in force.

Applications, stating age and previous experience, and accompanied by copies of three recent testimonials, must reach the undersigned, from whom further particulars of the post may be obtained, not later than Monday, July 8.

F. G. ROUVRAY, Secretary.

FARNHAM COUNTY HOSPITAL

HALE ROAD, FARNHAM

LOCUM PHARMACIST required. Salary 7½ guineas p.w. inclusive. Applicants must possess M.P.S. or Ph.C. qualification. Apply to Medical Superintendent.

KENT COUNTY COUNCIL

PHARMACIST

Applications are invited for the following appointment at the County Hospital, Chatham:

PHARMACIST (M.P.S. or Ph.C.). Either sex. Hospital experience preferred. The County Council is being recommended to adopt the proposals of the Negotiating Committee, in which event the salary for the appointment would be £435 a year, by increments of £20 to £535 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience, and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

County Hall,
Maidstone.
June 13, 1946.

SEVERALLS MENTAL HOSPITAL

COLCHESTER

APPLICATIONS are invited for the post of Assistant Pharmacist. Salary on joint Negotiating Committee (Hospital Staff) Scale commencing at £320. House available near Hospital. The appointment is subject to the provisions of the Asylums Officers' Superannuation Act, 1909. Apply giving age, qualifications, etc., to the Medical Superintendent.

ST. HELIER COUNTY HOSPITAL

WRYTHE LANE, CARSHALTON

LOCUM SENIOR ASSISTANT PHARMACIST. 8½ guineas p.w. inclusive.

LOCUM ASSISTANT PHARMACIST. 7½ guineas p.w. inclusive.

Applicants must possess M.P.S. or Ph.C. qualification.

Apply to Medical Superintendent.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACISTS at: ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton; BOTLEYS PARK HOSPITAL, Chertsey; ST. LUKE'S HOSPITAL, Guildford. Must possess M.P.S. or Ph.C. qualification. Commencing salary on grade £320 x £15—£400 p.a. inclusive. Apply to Medical Superintendent of appropriate hospital.

SURREY COUNTY COUNCIL

SENIOR ASSISTANT PHARMACIST required at KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames.

Candidates must possess M.P.S. or Ph.C. qualification, and should have had not less than three years' hospital experience. Commencing salary on grade £365 x £15—£440 p.a. inclusive. Apply to Medical Superintendent.

STAFFORDSHIRE GENERAL INFIRMARY, STAFFORD

PHARMACIST (holiday relief) needed for period August 29 to September 9. Hospital experience essential. Apply with particulars of experience and salary required to the Secretary.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 2d. for every additional word.

CHEMICAL Plant. Capacity available for all types of chemical plant. Prompt attention to inquiries. 971/278, C. & D. Office.

MANUFACTURING Chemists have facilities for the packaging of Medicinal Articles in bottles, tins or drums. Also shampoo and other toilet articles. Packages and raw materials supplied, also expert advice on labels and packs. 104/253, C. & D. Office.

MANAGER required for small Limited Company, Kings Cross Area. Full control. Profit-sharing basis. Lock-up shop. 105/275, C. & D. Office.

MANUFACTURING Chemist, Ph.D., F.R.I.C., with wide experience in the large scale production of Fine Chemicals and Medicinals, wishes to acquire partnership or control in wholesale druggist or small manufacturing business. 105/293, C. & D. Office.

OLD-ESTABLISHED Machine Packers and Distributors desire bulk materials suitable for packing in 4, 8 or 16 oz. packets under their registered trade marks. 105/274, C. & D. Office.

REPRESENTATIVES required by well-known firm for Scotland, Wales, London and Home Counties. Only gentlemen with live connexions should apply. Good prospects, salary, commission and expenses. Write 105/278, C. & D. Office.

TO Tablet Manufacturers. London firm of Manufacturing Chemists with ample accommodation would like to come to suitable arrangement or would purchase outright a tablet-making factory. 101/155, C. & D. Office.

WELL-KNOWN Manufacturing and Tabletting company are prepared to manufacture Tablets of any size. Small or large contract would be entertained. 105/277, C. & D. Office.

EXPORT TRADE

AGENCY and Distribution of Doctor's, Dentist's, Veterinary and Chemist's requirements including sundries and toilet preparations desired by a reputable firm in South Africa, well-known throughout the professions in the Union. Apply Messrs. A. Y. Auld & Co., Telegraphic Address Auldco; P.O. Box 127, Port Elizabeth, South Africa.

ETABLISSEMENTS Docteur Tebbi, Nasser Khosrow, Saraye Rowchan Teheran, Iran, wish to contact manufacturers of all Chemical and Pharmaceutical Products and Photographic goods, with a view of representations and exclusive Agencies. References The Imperial Bank of Iran Teheran and Bank Melli Iran Teheran, Iran.

TO ALL THE LEADING MANUFACTURERS. We desire to buy in big quantity Liver Extract and Vitamin Products in Oral and Injectable form. Please communicate with samples and price in detail to Maniar Trading Corporation, Post Box No. 5039 Bombay No. 9 (India).

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

A PRIVATE Limited Company whose Registered Office is situate in a Lancashire town near Manchester possesses old-established business as manufacturers and merchants of Sanitary Towels and other accessories, and desire to dispose of such business. Apply : F1844, W. H. Smith & Son, Ltd., Manchester 3.

A WELL-KNOWN and advertised Toilet and Cosmetic Manufacturers for Sale. Large turnover guaranteed. Present owner retiring through illness. 104/256, C. & D. Office.

DRUG STORES, five roomed house and garden attached, long lease, inclusive controlled rental £63 p.a. S.E. London suburb, main road omnibus stop (3 routes). £500 toilet preparations manufacturing permit. Excellent fittings, etc. Old-established business with large scope for development. Vacant possession. All at £1,250, including stock. Write 104/243, C. & D. Office.

NOTTINGHAM (near). Good-class old-established pharmacy, photographic, also wines and spirits. Turnover approx. £6,000 p.a., rent £100 immediate possession. Full particulars from Rogers Son & Co., Chartered Accountants, Cheapside, Nottingham.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

CHEMIST'S Counters and Showcases for sale. Light oak finish. Inquiries to 105/279, C. & D. Office.

EIGHT dozen Sunspectacles for disposal at wholesalers' cost prices, for quick sale. The Judge Optical Company, 92, Market Street, Manchester 2.

FOR SALE. Ensign Super Gloss Print Dryer electric. Ensign Master Printer. Kodak Vertical Tanks. Kodak Film Dryer, electric. Heatraes. Godkins, Chemists, 1 High Street, Tunbridge Wells.

FOR SALE. Gardner Patent Rapid Mixer, size C, in good condition. 104/248, C. & D. Office.

FOR SALE. 200 gross 1-oz. Vials. Offers to 104/255, C. & D. Office.

FOR Disposal. 1 galvanised coating pan, 48" diameter on stand, together with an extra pan for polishing or coating. Also, 1 copper coating pan, 30" diameter, reasonable price for quick disposal, or would exchange for tablet machines, rotary or single punch, with cash adjustment. T. H. Walton & Co., Ltd., Batley.

FOR Disposal, 1 Manesty Rotary Table Machine "D" type A.C. 440 Volts complete with one set punches and Dies, 1 Holland Mixer, 2-cwt. capacity, and 1 Gardner Mixer, complete with motor of A.C. 230 volts, Single phase, capacity approx. 150 lb. Model 5. E. Willcox, 1 Mythop Road, Lytham.

OFFERED : Wilkinson Mixer-Mill, unused ; 1 cwt. each White Beeswax and Glyc. Monostearate ; 2 cwt. Kaolin ; 1 lb. Ol. Menth. Pip. (Wayne Co.). Newton, 238 Fulham Road, S.W.10. Phone : Flaxman 1716.

SURPLUS Stock. Approx. seven gross Plastic Personal Holdalls, 2/2. Four gross Plastic Bathing Caps, 3/ . Both plus 1/3 P.T. 17 gross 1-oz. Ointment Tins, white enamel lids. 15 gross 2-oz. Plain Lacquered Ointment tins and lids. Offers to 104/257, C. & D. Office.

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FOR ALL PHARMACY FITTINGS

From the single unit—to the complete Pharmacy

138-5 & 141-7 OLD STREET, E.C.1. Phone: CLE 6381

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENT, well connected London area, seeks contact manufacturers supplying Toilet, Fancy Rubber Goods of interest to retail chemists. 105/273, C. & D. Office.

A LONDON Firm of Manufacturing Chemists is looking for permanent live Agents to introduce profitable proprietary lines to retail pharmacists and stores. Generous commission basis only. Areas Scotland, Wales, Lancashire and S.W. England. We are not interested in men who take the line of least resistance, therefore such men are requested not to waste their time nor ours in replying to this advertisement. Lax-Vita, Ltd., 66 Victoria Street, London, S.W.1.

BRISTOL & WEST (with or without S. Wales). Live representative desires Agency for house of repute. Advertiser has excellent connexion with chemists and wholesale trade. Bank and other references. Write first to 105/280, C. & D. Office.

INDIA. Advertiser resident Bombay, with large export and import connexions, is prepared to undertake the representation of first-class manufacturers. Full particulars to Box 592, Strand House, London, W.C.2.

NORTHERN IRELAND. Well-established Manufacturer's Agent, with many years' connexion wholesale, retail, drug and allied trades, seeks additional good class Agencies. (Substitute and rubbishy lines no interest.) Full particulars and references available on demand. 104/254, C. & D. Office.

"RUBBERCRAFT," Specialist Repairers of Hot-water bottles, &c. (pre-war rubber or new synthetic issues) require active Agents for operating Service Branches. Interesting sideline complementing sales. Monthly deliveries arranged. Inquiries : Secretary, 6 Park Court, Hampton Wick, Surrey.

WELL-KNOWN Manufacturers and distributors in Eire are open to consider agencies for reputable chemical and pharmaceutical manufacturers. They are also prepared to manufacture under licence. Their travellers call on chemists, wholesale and retail stores, Co-operative Societies, etc., all over Eire. They also call on surgical and medical specialists, general medical practitioners and dentists. Please address all inquiries to CD Box 506, c/o Erwoods, Ltd., 30 Bouverie Street, London, E.C.4.

WHOLESALE Distributors and Wholesalers with extensive connexions amongst Chemists, Co-operative and Departmental Stores, employing large specialised Sales Force, are open to accept suitable lines for purchase and distribution. Any suitable lines entertained. Bankers and Trade References exchanged. 972/336, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Others contemplating sale or their solicitors are invited to write for further information to Hiller, Parker, May & Rowden, 77 Grosvenor Street, W.1.

PARTNERSHIPS

ADVERTISER with available capital up to £500 would be interested in any sound proposition, wholesale or retail. Must stand fullest investigation. 104/250, C. & D. Office.

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[61/31

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With the efforts now being made to resume normal supplies, it is hoped that, in the near future, all orders for the standard size will be executed without delay. For the time being the large size must still be reserved for physicians' private prescriptions, hospital and N.H.I. dispensing purposes.

In thanking pharmacists for their patience and co-operation, we again apologise for inconveniences caused by circumstances beyond our control.

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